

## Product Datasheet

### Mouse Nt5e protein (orb594864)

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| <b>Description</b>       | Recombinant Mouse 5'-nucleotidase(Nt5e),partial (Active)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Endotoxins</b>        | Less than 1.0 EU/μg as determined by LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Preservatives</b>     | 0.2 μm filtered 20 mM Tris-HCl, 120 mM NaCl, 4 mM CaCl <sub>2</sub> , 20% Glycerol, pH 7.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Form/Appearance</b>   | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                 |
| <b>Tag</b>               | C-terminal 6xHis-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Note</b>              | For research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Application notes</b> | Partial                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Protein Sequence</b>  | WELTILHTNDVHSRLEQTSDSTKCLNASLCVGGVARLFTKVQQRKEEPNVFLFL<br>DAGDQYQGTIWFTVYKGLEVAHFMMILGYDAMALGNHEFDNGVEGLIDPLLRLN<br>VKFPILSANIKARGPLAHQISGLFLPSKVL SVGGEVVGIVGYTSKETPFLSNPGTNL<br>VFEDISALQPEVDKLKTLNVNKIIALGHSGFEMDKLIAQKVRGVDIVVGGHSNTF<br>LYTGNPPSKEVPAGKYPFIVTADDGRQVPVQYAFGKYLGYLKVEFDDKGNVIT<br>SYGNPILLNSSIPEDATIKADINQWRIKLDNYSTQELGRTIVYLDGSTQTCTRFRECN<br>MGNLICDAMINNNLRHPDEMFWNHVSMCIVNGGGIRSPIDEKNNGTITWENLAA<br>VLPFGGTFDLVQLKGSTLKKAFEHSVHRYGQSTGEFLQVGGIHHVYDINRKPWN<br>RVVQLEVLCTKCRVPPIYEPLEMDKVYKVTLP SYLANGGDGFQMIKDELLKHDSGD<br>QDISVVSEYISKMKVVYPAVEGRIKF |
| <b>Purity</b>            | Greater than 95% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>            | Mammalian cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW</b>                | 58.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Uniprot ID</b>        | <b>Q61503</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Expiration Date</b>   | 6 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |