

## Product Datasheet

### Rat Q9ERE0 protein (Active) (orb359138)

|                             |   |
|-----------------------------|---|
| <b>Catalog Number</b>       | orb359138   |
| <b>Category</b>             | Proteins  |
| <b>Description</b>          | This Rat Q9ERE0 protein (Active) spans the amino acid sequence from region 24-93aa. Purity: > 97% as determined by SDS-PAGE and HPLC.   |
| <b>Tag</b>                  | Tag-Free  |
| <b>Form/Appearance</b>      | Lyophilized powder  |
| <b>Buffer/Preservatives</b> | Lyophilized from a 0.2 µm filtered PBS, pH 7.4  |
| <b>Purity</b>               | > 97% as determined by SDS-PAGE and HPLC.   |
| <b>Protein Sequence</b>     | ARATNVGRECLDYFKGAIPKRLVTFWRTSVECPKDAIVFETVQGRLLCTDPKDKHVKKAIR<br>HLKNQRL  |
| <b>Protein Length</b>       | Full Length of Mature Protein   |
| <b>UniProt ID</b>           | <b>Q9ERE0</b>   |
| <b>MW</b>                   | 8.1 kDa   |
| <b>Application notes</b>    | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference. |
| <b>Endotoxins</b>           | Less than 1.0 EU/µg as determined by LAL method.  |
| <b>Source</b>               | E.Coli  |
| <b>Biological Origin</b>    | Rattus norvegicus (Rat)   |

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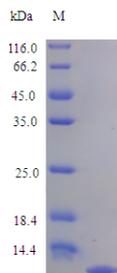
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|                            |   |
|----------------------------|---|
| <b>Biological Activity</b> | Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human T-lymphocytes is in a concentration range of 1.0-10 ng/ml.   |
| <b>Expression Region</b>   | 24-93aa   |
| <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>Note</b>                | For research use only   |
| <b>Expiration Date</b>     | 6 months from date of receipt.  |

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