

## Product Datasheet

### Recombinant Type 4 prepilin-like proteins leader peptide-processing enzyme(tapD) (orb2907170)

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|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>   | orb2907170                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | Recombinant Type 4 prepilin-like proteins leader peptide-processing enzyme(tapD)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Preservatives</b>    | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Form/Appearance</b>  | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage</b>          | Storage Condition: Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles. Shelf Life: 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. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week |
| <b>Note</b>             | For research use only                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Sequence</b> | MALLLELAHGLPWLYFSLVFLFSLMIGSFLNVIHRLPIMLEREWQAEYRSYFNPDDGV<br>DEPPYNLMVPRSCCPHCNHPITALENIPLLSWLWLRGRRCRCQAPISARYPLVELLTALL<br>SVAVAMTLAPGWGTLAALLLTWVLVALTFIDLDKMLLPDQLTLPLLWGGLLFNLLGGFVS<br>LGDAVIGAMAGYLVLSLYWAFKLLTGKEGMGYGDFKLLAALGAWLGWQALPIVLLSSSL<br>VGAFMGIGLILLRNHHQSKPIPGPYLAIAGWIALWGD SITRWYLTNFL                                                                                                                                                                                                                    |
| <b>Uniprot ID</b>       | <b>P45794</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Expiration Date</b>  | 6 months from date of receipt.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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