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## Product Datasheet

**Recombinant Mouse Cholesterol side-chain  
cleavage enzyme, mitochondrial  
(Cyp11a1), Biotinylated (orb1785268)**

**Description**

Recombinant Mouse Cholesterol side-chain cleavage enzyme,

**Endotoxins**

Not test.

**Preservatives**

If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

**Form/Appearance**

Liquid or Lyophilized powder

**Storage**

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.

**Tag**

N-terminal MBP-tagged and C-terminal 6xHis-Avi-tagged

**Note**

For research use only

**Application notes**

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.

**Protein Sequence**

TSTSSPRSFNEIPSPGDNGWLNLYHFWRESGTQKIHYHQMQSFQKYGPIYREKL  
GTLESVYIVDPKDASILFSCEGPNPERFLVPPWVAYHQYYQRPIGVLFKSSDAWK  
KDRIVLNQEVMAPGAIKNFVPLLEGVAQDFIKVLHRRRIKQNSGNFSGVISDDL  
RFSFESISSVIFGERMGMLEEIVDPEAQRFINAVYQMFHTSVPMNLNPPDFFRLLR  
TKTWKDHAAAWDVIFNKADEYTONFYWDLRQKRDFSQYPGVLYSLLGGNKL  
KNIQANITEMLAGGVDTTSM TLQWNL YEMAHNLKVQEMLRAEVL AARRQAQ  
DMAKMVQLVPLLKASIKETLRLHPISVTLQRYTVNDLVL RNYKIPAKTLVQVASF  
MGRDPGFFPNPKFDPTRWLEKSQNTTHFRYLGFGWGVRQCLGRRIAELEM  
TIL  
LINLLENFRIEVQNL RDVGT KFSLILMPENPILFNFQPLKQDLGPAVTRKDNTVN

**Purity**

Greater than 85% as determined by SDS-PAGE.

**Source**

E.coli

**MW**

104.4 kDa

**Uniprot ID**[Q9QZ82](#)**Expiration Date**

6 months from date of receipt.