

Product Datasheet

Human MVP protein (orb244392)

Description

Recombinant human Major vault protein

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 6xHis-SUMO-tagged

Note

For research use only

Application notes

Full length of His-SUMO-tag and expression region is 2-893aa

Protein Sequence

ATEEFIIRIPPYHYIHVLDQNSNVSERVEGPKTYIRQDNERVLFAPMRMVTVP
YCTVANPVSRDAQGLVLFDTVGTQVRLRHADLEIRLAQDPFPLYPGEVLEKDITPL
QVVLNPNTALHLKALLDFEDKDGKVVAGDEWLFEGPGTYIPRKEVEVVEIIQATII
RQNQALRLRARKECWDRDGKERVTEGEWLVTTVGAYLPAVFEEVLDLVDVAVILT
EKTALHLRARRNFRDFRGVSRRTEGEWLVTVDTEAHVPDVHEEVLGVVPITTL
GPHNYCVILDPVGPDPGKNQLGQKRVVKGESFFLQPGEQLEQGIQDVVYLSEQQ
GLLLRALQPLEEGEDEEKVSHQAGDHWLIRGPLEYVPSAKVEVVEERQAIPLDEN
EGIVYQDVKTGKVRVIGSTYMLTQDEVLWEKELPPGVEELLNKGQDPLADRG
KDTAKSLQPLAPRNKTRVVSYPHNAAVQVYDYREKRARVFGPELVSLGPEE
QFTVLSLSAGRPKRPHARRALCLLLGPDFFTDVITETADHARLQLLAYNWHFE
VNDKDPQETAKLFSVPDFVGDAKAIASRVRGAVASVTFDDFHKNSARIIRTA
VFGFETSEAKGPDGMALPRPRDQAVFPQNGLVSSVDVQSVEPVDQRTDALQR
SVQLAIEITNSQEAANKHEAQRLEQEARGLERQKILDQSEAEKARKELLELEAL
SMAVESTGTAKAEAESRAEAARIEGEGSVLQAKLKAQALAIETEAELQRVQKVRE
LELVYARAQLELEVSKAQQLAEVEVKKFKQMTEAIGPSTIRDLAVAGPEMQVKLL
QSLGLKSTLITDGSTPINLFNTAFGLLGMGPEGQPLGRRVASGSPGEGISPQSA
QAPQAPGDNHVVPVLR

Purity

Greater than 90% as determined by SDS-PAGE.

Source

E.coli

MW

115.2 kDa

Uniprot ID

[Q14764](#)

Expiration Date

6 months from date of receipt.