



Recombinant Human Major vault protein (MVP)

Product Code	CSB-EP015248HU
Relevance	Required for normal vault structure. Vaults are multi-subunit structures that may act as scaffolds for proteins involved in signal transduction. Vaults may also play a role in nucleo-Cytoplasmic domain transport. Down-regulates INFG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.
Abbreviation	Recombinant Human MVP protein
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.
Uniprot No.	Q14764
Alias	Lung resistance-related protein
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	ATEEFIIRIPPYHYIHVLDQNSNVS RVEVGPKTYIRQDNERNVLFAPMRMVTVP RHYCTVANPVSRDAQGLVLF DVTGQVRLRHADLEIRLAQDPFPLYPGEVLEKD ITPLQVVLPNTALHLKALLDFEDKDGDKVVAGDEWLFEGPGTYIPRKEVEVEII QATIIRQNQALRLRARKECWDRDGKERTVGEELVTTVGAYLPAVFEEVLDLV DAVILTEKTALHLRARRNFRDFRGVSRRTGEEWLVTVDTEAHVPDVHEEVLG VVPITTLGPHNYCVILDPVGPDKGNQLGQKRVVKGEKSFFLQPGEQLEQGIQD VYVLSEQQGLLLRALQPLEEGEDEEKVSHQAGDHWLIRGPLEYVPSAKVEVVE ERQAIPLDENEGIYVQDVKTGKVRVIGSTYMLTQDEVLWEKELPPGVEELLN KGQDPLADRGEKDTAKSLQPLAPRNKTRVVSYPHNAAVQVYDYREKRARV VFGPELVSLGPEEQFTVLSLSAGRPKRPHARRALCLLLGPDFFTDVITETADH ARLQLQLAYNWHFEVNDRKDPQETAKLFSVPDFVGDAKAIASRVRGAVASV TFDDFHKNSARIIRTAVFGFETSEAKGPDGMALPRPRDQAVFPQNGLVSSVD VQSVEPVDQRTDALQRSVQLAIEITNSQEAAAKHEAQRLEQEARGRLERQK ILDQSEAEKARKELLELEALSMAVESTGTAKAEAESRAEAARIEGEGSVLQAKL KAQALAIETEAELQRVQKVRELELVYARAQLELEVSKAQQLAEVEVKKFKQMT EAIGPSTIRDLAVAGPEMQVKLLQSLGLKSTLITDGSTPINLFNTAFGLLGMPGE GQPLGRRVASGSPGEGISPQSAQAPQAPGDNHVVPVLR
Research Area	Transport
Source	E.coli
Target Names	MVP
Expression Region	2-893aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

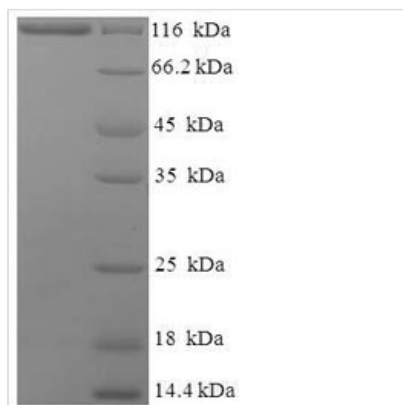


Tag Info N-terminal 6xHis-SUMO-tagged

Mol. Weight 115.2kDa

Protein Length Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution 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.

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.