

Recombinant Human Major vault protein(MVP)

Catalog No: #AP70571

Package Size: #AP70571-1 20ug #AP70571-2 100ug #AP70571-3 1mg

Description

Product Name	Recombinant Human Major vault protein(MVP)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-893aaSequence Info:Full Length
Other Names	Lung resistance-related protein
Accession No.	Q14764
Calculated MW	115.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	ATEEFIIRIPPYHYIHVLDQNSNSVRVEVGPKTYIRQDNERVLFAFMRMVTVPFRHYCTVANPVSRDAQGLVLF DVTGQVRLRHADLEIRLAQDPFPLYPGEVLEKDITPLQVVLNPTALHLKALLDFEDKDGDKVVAGDEWLFEGP GTYIPRKEVEVVEIIQATIIRQNQALRLRARKECWDRDGKERVTGEEWLVTTVGAYLPAVFEEVLDLVDVAVILTE KTALHLRARRNFRDFRGVSRRTGEEWLVTVDQTEAHVPDVHVEEVLGVVPITTLGPHNYCVILDPVGPDGKNQ LGQKRVVKGEKSFFLQPGEQLEQGIQDVYVLSEQQGLLLRALQPLEEGEDEEKVSHQAGDHWLIRGPLEYVP SAKVEVVEERQAIPLDENEGIYVQDVKTGKVRVIGSTYMLTQDEVLWEKELPPGVEELLNKGQDPLADRGEK DTAKSLQPLAPRNKTRVVSYRVPNHAAVQVYDYREKRARVVFGEPLVSLGPREEFTVLSLSAGRPKRPHARR ALCLLLGPDFFTDVITETADHARLQLLAYNWHFEVNDRKDPQETAKLFSVPDFVGDACKAIASRVRGAVASV TFDDFHKNSARIIRTAVFGEFETSEAKGPDGMALPRPRDQAVFPQNLVSSVDVQSVPEVDQRTRDALQRSV QLAIEITTSQEAANKHEAQRLEQEARGRLERQKILDQSEAEKARKELLEALSMAVESTGTAKAEAESRAEA ARIEGEGSVLQAKLKAQALAIETAEELQVRVQKVRELELVYARAQLELEVSKAQQLAEEVEVKKFKQMTAIGPSTI RDLAVAGPEMQVKLLQSLGLKSTLITDGSTPINLFNTAFGLLGMGPEGQPLGRRVASGSPSPGEGISPQSAQAP QAPGDNHVVPVLR
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome.Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)Research Topic:Transport

Note: This product is for in vitro research use only and is not intended for use in humans or animals.