

Product datasheet for TP313533M

MVP (NM_017458) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human major vault protein (MVP), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213533 representing NM_017458 Red=Cloning site Green=Tags(s)

MATEEFIIIRIPPYHYIHVLDQNSNVSERVEVGPVKTYIRQDNERVLFPMMRMVTVPPRHYCTVANPVS RDAQ
GLVLFVDVTGQVRLRHADLEIRLAQDPFPLYPGEVLEKDITPLQVLPNTALHLKALLDFEDKDGDKVWAG
DEWLFEGPGTYIPRKEVEVVEIIQATIIRQNQALRLRARKECWDRDGGKERTVTEEWLVTTVGAYLPAVFE
EVLDLVDAVILTEKTALHLRARRNFRDFRGVSRRTGEEWLVTVQDTEAHVPDVHEEVLGVVPIITLGP
YCVILDPVGPDKGNQLGQKRVVKGESFFLQPGEQLEQGIQDVVYLSEQQGLLLRALQPLEEGEDEEKVS
HQAGDHWLIRGPLEYVPSAKVEVVEERQAIPLDENEGIYVQDVKTGKVRVIGSTYMLTQDEVLWEKELP
PGVEELLNKGQDPLADRGEKDTAKSLQPLAPRNKTRVVSYPHNAAVQVYDYREKRARVFGPELVSLG
PEEQFTVLSLSAGRPKRPHARRALCLLLGPDFFTDVIETADHARLQLLAYNWHFEVNDKDPQETAK
LFSVPDFVGDACKAIASRVRGAVASVTFDDFHKNSARIIRTAVFGFETSEAKGPDGMALPRPRDQAVFPQ
NGLVSSVDVQSVPEVDQRTRDALQRSVQLAIEITNSQEAQAKHEAQRLEQEARGLERQKILDQSEAE
KARKELLEALSMAVESTGTAKAEASRAEAARIEGEGSVLQAKLKAQALAIETAEALQRVQKVRELEL
VYARAQLELEVSKAQQLAEEVVKFKQMTEAIGPSTIRDLAVAGPEMQVLLQSLGLKSTLITDGSTPIN
LFNTAFGLLGMGPEGQPLGRRVASGSPGEGISPQSAQAPQAPGDNHVVPVLR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

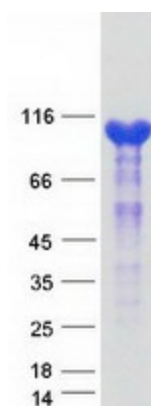
Tag:	C-Myc/DDK
Predicted MW:	99.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.



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Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_059447
Locus ID:	9961
UniProt ID:	Q14764 , X5D2M8
RefSeq Size:	2857
Cytogenetics:	16p11.2
RefSeq ORF:	2679
Synonyms:	LRP; VAULT1
Summary:	This gene encodes the major component of the vault complex. Vaults are multi-subunit ribonucleoprotein structures that may be involved in nucleo-cytoplasmic transport. The encoded protein may play a role in multiple cellular processes by regulating the MAP kinase, JAK/STAT and phosphoinositide 3-kinase/Akt signaling pathways. The encoded protein also plays a role in multidrug resistance, and expression of this gene may be a prognostic marker for several types of cancer. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, May 2012]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified MVP protein (Cat# [TP313533]). The protein was produced from HEK293T cells transfected with MVP cDNA clone (Cat# [RC213533]) using MegaTran 2.0 (Cat# [TT210002]).