Recombinant Human MVP, MYC/DDK-tagged

Cat. No. MVP-1116H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MVP, fused with C-terminal MYC/DDK, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	99.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	MVP major vault protein [Homo sapiens (human)]
Official Symbol	MVP
Synonyms	MVP; major vault protein; LRP; lung resistance related protein; VAULT1; lung resistance-related protein
Gene ID	9961
mRNA Refseq	NM_005115
Protein Refseq	NP_005106
MIM	605088
UniProt ID	Q14764
Chromosome Location	16p11.2
Function	protein binding; protein kinase binding; protein phosphatase binding

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