

Human MVP Knockdown Cell Lysate

Cat. No. MVP-250HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated MVP Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	99 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg MVP KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

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

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