

Product datasheet

Recombinant Human MVP protein ab153030

1 Image

Description

Product name	Recombinant Human MVP protein
Expression system	Wheat germ
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human

Sequence

MATEEFIIIRIPPYHYIHVLDQNSNVSERVEVGPKYIRQDNER
VLFAPMRM
VTVPPRHYCTVANPVSQGLVLFVDTGQVRLRHADLEI
RLAQDPFPLY
PGEVLEKDITPLQVVLPTALHLKALDFEDKDGDKVVAG
DEWLFEGPGT
YIPRKEVEVVEIIQATIIRQNQALRLRARKECWDRDGERVT
GEEWLVT
VGAYLPAVFEEVLDLVDVILTEKTALHLRARRNFRDFRG
VSRRTGEEWL
VTVQDTEAHVPDVHEEVLGVVPITLGPVNYCVILDPVGP
DGKNQLGQKR
VVKGEKSFFLQPGEQLEQGIQDVYVLSQQGLLLRALQPL
EEGEDEEKVS
HQAGDHWLIRGPLEYVPSAKVEVVEERQAIPLDENEGMV
QDVKTGKVRA
VIGSTYMLTQDEVLWEKELPPGVEELLNKGQDPLADRGE
KDTAKSLQPLA
PRNKTRVVSYPVPHNAAVQVYDYREKRARVVFPELVSL
GPQQFTVLSL
SAGRPKRPHARRALCLLLGPDFFTDVTIETADHARLQLQL
AYNWHFEVN
DRKDPQETAKLFSVPDFVGDACKAIASRVRGAVASVTFD
DFHKNSARIIR
TAVFGFETSEAKGPDGMALPRPRDQAVFPQNGLVVSSV
DVQSVPEVDQRT
RDALQRSVQLAIEITTSQEAAAKHEAQRLEQEARGRLER
QKILDQSEAE
KARKELLELEALSMAVESTGTAKAEAESRAEAARIEGEGS

VLQAKLKAQA
LAIETEAELQRVQKVRELELVYARAQLELEVSKAQQLAEV
EVKKFKQMTE
AIGPSTIRDLAVAGPEMQVKLLQSLGLKSTLITDGSTPINLF
NTAFGLLG
MGPEGQPLGRRVASGSPGEGISPQSAQAPQAPGDNHV
VPVLR

Amino acids 1 to 893
Tags GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab153030** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications ELISA
Western blot
Form Liquid

Additional notes

Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl

General Info

Function 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 transport. Down-regulates INFG-mediated STAT1 signaling and subsequent activation of JAK. Down-regulates SRC activity and signaling through MAP kinases.

Tissue specificity Present in most normal tissues. Higher expression observed in epithelial cells with secretory and excretory functions, as well as in cells chronically exposed to xenobiotics, such as bronchial cells and cells lining the intestine. Overexpressed in many multidrug-resistant cancer cells.

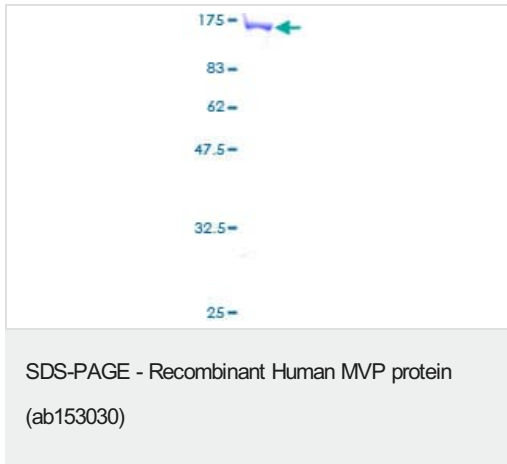
Sequence similarities Contains 9 MVP (vault) repeats.

Domain MVP 3 mediates interaction with PTEN.
MVP 4 mediates interaction with PARP4.

Post-translational modifications Phosphorylated on Tyr residues after EGF stimulation.
Dephosphorylated by PTPN11.

Cellular localization Cytoplasm. Nucleus > nuclear pore complex. 5% found in the nuclear pore complex. Translocates from the nucleus to the cytoplasm upon EGF treatment.

Images



ab153030 on a 12.5% SDS-PAGE stained with Coomassie Blue.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors