

Recombinant Full Length Human MVB12B Protein, GST-tagged

Cat. No. MVB12B-4519HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FAM125B full-length ORF (NP_001011703.1, 1 a.a. - 221 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	221 amino acids
Description	The protein encoded by this gene is a component of the ESCRT-I complex, a heterotetramer, which mediates the sorting of ubiquitinated cargo protein from the plasma membrane to the endosomal vesicle. ESCRT-I complex plays an essential role in HIV budding and endosomal protein sorting. Depletion and overexpression of this and related protein (MVB12A) inhibit HIV-1 infectivity and induce unusual viral assembly defects, indicating a role for MVB12 subunits in regulating ESCRT-mediated virus budding. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Molecular Mass	50.9 kDa
AA Sequence	MRSCFCVRRSRDPPPPQPPPPPPQRGTDQSTMPEVKDLSEALPETSMDPITGVGV VASRNRAPTGYDVVAQTADGVADLWKDGLFKSKVTRYLCFTRSFSEKNSHLGNVL VDMKLIDIKDTLPVGFPIQETVDTQEVAFRKKRLCIKFIPRDSTEEAICDIRIMGRKQA PPQYTFIGELNSMGIWYRMGRVPRNHDSSQPTTPSQSSAASPAPNLPR

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	MVB12B multivesicular body subunit 12B [Homo sapiens (human)]
Official Symbol	MVB12B
Synonyms	FAM125B; family with sequence similarity 125, member B; C9orf28, chromosome 9 open reading frame 28; multivesicular body subunit 12B; FLJ00001; ESCRT-I complex subunit MVB12B; MVB12B; C9orf28; MVB12B; multivesicular body subunit 12B
Gene ID	89853
mRNA Refseq	NM_001011703
Protein Refseq	NP_001011703
UniProt ID	Q9H7P6

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