Recombinant Human MVB12B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MVB12B-3689H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	FAM125B MS Standard C13 and N15-labeled recombinant protein (NP_001011703) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	24.5 kDa
AA Sequence	MRSCFCVRRSRDPPPPQPPPPPPQRGTDQSTMPEVKDLSEALPETSMDPITGVGV VASRNRAPTGYDVVAQTADGVDADLWKDGLFKSKVTRYLCFTRSFSKENSHLGNVL VDMKLIDIKDTLPVGFIPIQETVDTQEVAFRKKRLCIKFIPRDSTEAAICDIRIMGRTKQA PPQYTFIGELNSMGIWYRMGRVPRNHDSSQPTTPSQSSAASTPAPNLPRTRTRPLE QKLISEEDLAANDILDYKDDDDKV

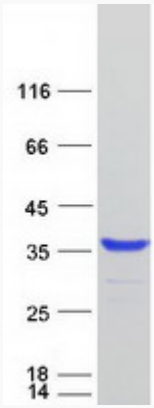
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	MVB12B multivesicular body subunit 12B [Homo sapiens (human)]
Official Symbol	MVB12B
Synonyms	MVB12B; multivesicular body subunit 12B; C9orf28; FAM125B; multivesicular body subunit 12B; ESCRT-I complex subunit MVB12B; family with sequence similarity 125, member B
Gene ID	89853
mRNA Refseq	NM_001011703
Protein Refseq	NP_001011703
UniProt ID	Q9H7P6

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SDS-PAGE	

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