

Product datasheet for **TP305093**

MVB12B (NM_001011703) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human family with sequence similarity 125, member B (FAM125B), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205093 protein sequence Red=Cloning site Green=Tags(s)

MRSCFCVRRSRDPPPPQPPPPPPQRGTDQSTMPEVKDLSEALPETSMDPITGVGWASRNRAPTGYDWA
QTADGVDADLWKDGLFKSKVTRYLCFTRSFKENS HLG NVLVDMKLDIKDTLPVGFPIQETVDTQEVA
FRKRLCIKFIPRDSTEEAICDIRIMGRTKQAPPQYTFIGELNSMGIWYRMGRVPRNHDSSQPPTPSQSS
AASTPAPNLPR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	24.3 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001011703
Locus ID:	89853



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UniProt ID: [Q9H7P6](#)

RefSeq Size: 2705

Cytogenetics: 9q33.3

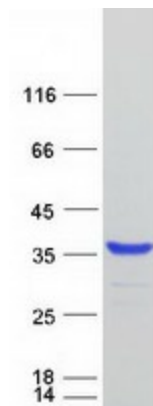
RefSeq ORF: 663

Synonyms: C9orf28; FAM125B

Summary: 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]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified MVB12B protein (Cat# TP305093). The protein was produced from HEK293T cells transfected with MVB12B cDNA clone (Cat# [RC205093]) using MegaTran 2.0 (Cat# [TT210002]).