

Product datasheet for **TP305353M**

VPS26 (VPS26A) (NM_004896) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vacuolar protein sorting 26 homolog A (S. pombe) (VPS26A), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205353 protein sequence Red =Cloning site Green =Tags(s)

MSFLGGFFGPICEIDIVLNDGETRKAEMKTEDGKVEKHLYFDGESVSGKVNLAQKQPGKRLEHQGIRI
EFVGQIELFNDKSNTEFVNLVKELALPGELTQSRSYDFEFMQVEKPYESYIGANVRLRYFLKVTIVRRL
TDLVKEYDLIVHQLATYPDVNNSIKMEVGIEDCLHIEFEYNKSKYHLKDVIVGKIYFLLVRIKIQHMEELQ
LIKKEITGIGPSTTTTETETIAKYEIMDGAPVKGESPIRLFLAGYDPTPTMRDVNKKFSVRYFLNLVLVD
EEDRRYFKQQEIIILWRKAPEKLRKQRTNHFHQRFPESQASAEQPEM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	38 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_004887
Locus ID:	9559



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UniProt ID: [O75436](#)

RefSeq Size: 2707

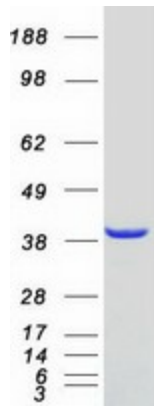
Cytogenetics: 10q22.1

RefSeq ORF: 981

Synonyms: HB58; Hbeta58; PEP8A; VPS26

Summary: This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified VPS26A protein (Cat# [TP305353]). The protein was produced from HEK293T cells transfected with VPS26A cDNA clone (Cat# [RC205353]) using MegaTran 2.0 (Cat# [TT210002]).