

Product datasheet for PH305353

VPS26 (VPS26A) (NM_004896) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS26A MS Standard C13 and N15-labeled recombinant protein (NP_004887)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205353
Predicted MW:	38.2 kDa
Protein Sequence:	>RC205353 protein sequence Red=Cloning site Green=Tags(s)

MSFLGGFFGPICEIDIVLNDGETRKAEMKTEDGKVEKHLYFYDGESVSGKVNLAFAKQPGKRLEHQGIRI
EFVQIIELFNDKSNTHFVNLVKELALPGELTQSRSYDFEFMQVEKPYESYIGANVRLRYFLKVTIVRRL
TDLVKEYDLIVHQLATYPDVNNSIKMEVGIEDCLHIEFEYNKSKYHLKDVIVGKIYFLLVRIKIQHMELQ
LIKKEITGIGPSTTTTETETIAKYEIMDGAPVKGESIPIRLFLAGYDPTPTMRDVNKKFSVRYFLNLVLVD
EEDRRYFKQQEIILWRKAPEKLRKQRTNFHQRFESPESQASAEQPEM

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_004887
RefSeq Size:	2707
RefSeq ORF:	981
Synonyms:	HB58; Hbeta58; PEP8A; VPS26
Locus ID:	9559



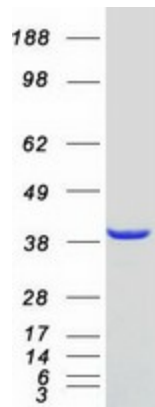
[View online »](#)

UniProt ID: [O75436](#)

Cytogenetics: 10q22.1

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]).