

Product datasheet for PH300025

VPS28 (NM_016208) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS28 MS Standard C13 and N15-labeled recombinant protein (NP_057292)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200025
Predicted MW:	25.4 kDa
Protein Sequence:	>RC200025 protein sequence Red=Cloning site Green=Tags(s) MFHGIPATPGIGAPGNKPELYEEVKLYKNAREREKYDNMAELFAVVKTMQALEKAYIKDCVSPSEYTAAC SRLLVQYKAAFRVQGGSEISSIDFCRKFRLDCPLAMERIKEDRPITIKDDKGNLNRCIADVVSFLFITVM DKLRLEIRAMDEIQPDLRELMETMHRMSHLPDFEGRQTVSQWLQTLSGMSASDELDDSQVRQMLFDLES AYNAFNRLHA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_057292
RefSeq Size:	994
RefSeq ORF:	663
Locus ID:	51160
UniProt ID:	Q9UK41 , Q548N1
Cytogenetics:	8q24.3



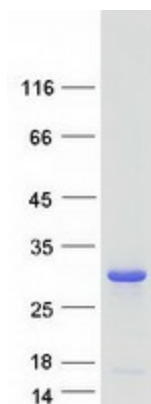
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Summary:

This gene encodes a protein subunit of the ESCRT-I complex (endosomal complexes required for transport), which functions in the transport and sorting of proteins into subcellular vesicles. This complex can also be hijacked to facilitate the budding of enveloped viruses from the cell membrane. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2013]

Protein Pathways:

Endocytosis

Product images:

Coomassie blue staining of purified VPS28 protein (Cat# [TP300025]). The protein was produced from HEK293T cells transfected with VPS28 cDNA clone (Cat# [RC200025]) using MegaTran 2.0 (Cat# [TT210002]).