

Product datasheet for PH306006

VPS36 (NM_016075) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS36 MS Standard C13 and N15-labeled recombinant protein (NP_057159)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206006
Predicted MW:	43.8 kDa
Protein Sequence:	>RC206006 protein sequence Red=Cloning site Green=Tags(s) MDRFVWTSGLLEINETLVIQQRGVRIYDGEKIKFDAGTLLLSTHRLIWRDQKNHECCMAILLSQIVFIE EQAAGIGKSAKIVVHLHPAPPNKEPGPFQSSKNSYIKLSFKEHGQIEFYRRLSEMTQRRWENMPVSQSL QTNRGPQPGRIRAVGIVGIERKLEEKRKETDKNISEAFEDLSKLMIKAKEMVELSKSIANKIKDKQGDIT EDETIRFKSYLLSMGIANPVTRETYGSGTQYHMLAKQLAGILQVPLEERGGIMSLTEVYCLVNRARGME LLSPEDLVNACKMLEALKLPLRLRVFDSGVMVIELQSHKEEMVASALETVSEKGSLSSEFAKLVGMSV LLAKERLLLAEKMGHLCRDSDVEGLRFYPNLFMTQS 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_057159
RefSeq Size:	4473
RefSeq ORF:	1158
Synonyms:	C13orf9; CGI-145; EAP45
Locus ID:	51028



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UniProt ID: [Q86VN1](#)

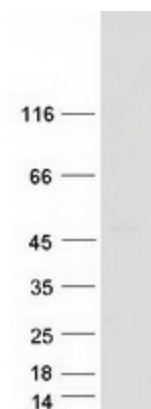
Cytogenetics: 13q14.3

Summary: This gene encodes a protein that is a subunit of the endosomal sorting complex required for transport II (ESCRT-II). This protein complex functions in sorting of ubiquitinated membrane proteins during endocytosis. A similar protein complex in rat is associated with RNA polymerase elongation factor II. [provided by RefSeq, Aug 2013]

Protein Families: Transcription Factors

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified VPS36 protein (Cat# [TP306006]). The protein was produced from HEK293T cells transfected with VPS36 cDNA clone (Cat# [RC206006]) using MegaTran 2.0 (Cat# [TT210002]).