

Product datasheet for PH302487

VPS25 (NM_032353) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS25 MS Standard C13 and N15-labeled recombinant protein (NP_115729)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202487
Predicted MW:	20.7 kDa
Protein Sequence:	>RC202487 protein sequence Red=Cloning site Green=Tags(s) MAMSEWPWQYRFPPFFTLQPNVDTRQQLAAWCSLVL SFCRLHKQSSMTVMEAQESPLFNNVKLQRKLP VESIQIVLEELRKKGNLEWLDKSKSSFLIMWRRPEEWGKLIYQWVSRSGQNNVFTLYELTNGEDTEDEE FHGLDEATLLRALQALQQEHKAEIITVSDGRGVKFF 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:	<u>NP_115729</u>
RefSeq Size:	1120
RefSeq ORF:	528
Synonyms:	DERP9; EAP20; FAP20
Locus ID:	84313
UniProt ID:	<u>Q9BRG1</u> , <u>A0A024R1X3</u>



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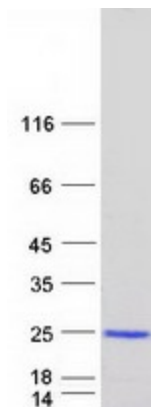
Cytogenetics: 17q21.2

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 pseudogene of this gene is present on chromosome 1. [provided by RefSeq, Jul 2013]

Protein Families: Transcription Factors

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified VPS25 protein (Cat# [TP302487]). The protein was produced from HEK293T cells transfected with VPS25 cDNA clone (Cat# [RC202487]) using MegaTran 2.0 (Cat# [TT210002]).