

Product datasheet for PH301432

VPS37B (NM_024667) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS37B MS Standard C13 and N15-labeled recombinant protein (NP_078943)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201432
Predicted MW:	31.3 kDa
Protein Sequence:	>RC201432 protein sequence Red=Cloning site Green=Tags(s) MAGAGSEARFAGLSLVQLNELLEDEGQLTEMVQKMEETQNVQLNKEMTLASNRSLAEGNLLYQPQLDTLK ARLTQKYQELQVLFAYQIKKTKLDRQSSASLETLLALLQAEGAKIEEDTENMAEKFLDGELPLDSFID VYQSKRKLAHMRRVKIEKLQEMVLKGQRLPQALAPLPPRLPELAPTAPLPYPAPEASGPPAVAPRRIPPP PPPVPAGRLATPFTAAMSSGQAVPYPGLQCPPLPPRVGLPTQQGFSSQFVSPYPPPLPQRPPRLPPHQ GFILQ 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:	<u>NP_078943</u>
RefSeq Size:	2766
RefSeq ORF:	855
Locus ID:	79720
UniProt ID:	<u>Q9H9H4</u> , <u>A0A024RBU0</u>



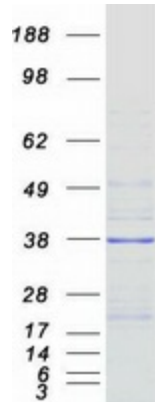
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Cytogenetics: 12q24.31

Summary: Component of the ESCRT-I complex, a regulator of vesicular trafficking process. Required for the sorting of endocytic ubiquitinated cargos into multivesicular bodies. May be involved in cell growth and differentiation.[UniProtKB/Swiss-Prot Function]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified VPS37B protein (Cat# [TP301432]). The protein was produced from HEK293T cells transfected with VPS37B cDNA clone (Cat# [RC201432]) using MegaTran 2.0 (Cat# [TT210002]).