

Product datasheet for PH319188

VPS13B (NM_181661) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VPS13B MS Standard C13 and N15-labeled recombinant protein (NP_858047)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC219188
Predicted MW:	47 kDa
Protein Sequence:	>RC219188 representing NM_181661 Red=Cloning site Green=Tags(s)

MLESYVTPILMSYVNRYSIKNLKPSDLQLSLWGGDVVLSKLELKLVDLEQLKLPFTFLSGHIHELRIHVP
WTKLGSEPVVITINTMECILKLDGIQDDHESCGSNSTNRSTAESTKSSIKPRMQQAAPTDPDLPPGYV
QSLIRRVNIVINNLILKYVEDDIVLSVNITSAECYTVGELWDRAFMDISATDLVLRKVINFSRCTV
CLDKRNASGKIEFYQDPLLYKCSFRTRLHFTYENLNSKMPSVIKIHTLVESLKLSDTQQLPMFIRIMQL
GIALYYGEIGNFKEGEIEDLTCHNKDMLGNITGSEDETRIDMQYPAQHGQELYSQQDEEQPGWVSWAW
SFVPAIVSYDDGEEDFVGNPASTMHQQKAQTLKDPVIVSIFGYCTKATVTFKVGLFSCCLYLYQL

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_858047</u>
RefSeq Size:	1634
RefSeq ORF:	1245
Synonyms:	CHS1; COH1
Locus ID:	157680



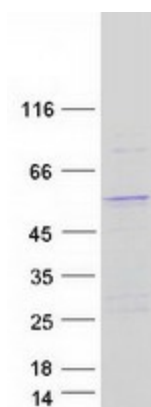
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UniProt ID: [Q7Z7G8](#)

Cytogenetics: 8q22.2

Summary: This gene encodes a potential transmembrane protein that may function in vesicle-mediated transport and sorting of proteins within the cell. This protein may play a role in the development and the function of the eye, hematological system, and central nervous system. Mutations in this gene have been associated with Cohen syndrome. Multiple splice variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified VPS13B protein (Cat# [TP319188]). The protein was produced from HEK293T cells transfected with VPS13B cDNA clone (Cat# [RC219188]) using MegaTran 2.0 (Cat# [TT210002]).