

Product datasheet for PH305442

VTA1 (NM_016485) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	VTA1 MS Standard C13 and N15-labeled recombinant protein (NP_057569)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205442
Predicted MW:	33.9 kDa
Protein Sequence:	>RC205442 protein sequence Red=Cloning site Green=Tags(s) MAALAPLPPPLPAQFKSIQHHLRTAQEHDKRDPVVAYYCRLYAMQTGMKIDSKTPECRKFLSKLMDQLEAL KKQLGDNEAITQEIVGCAHLENYALKMFLYADNEDRAGRFRHKNMKSFYTASLLIDVITVFGELTDENVK HRKYARWKATYIHNCLKNGETPQAGPVGIEEDNDIEENEDAGAASLPTQPTQPSSSSTYDPSNMPSGNYT GIQIPPGAHAHANTPAEVPSTGVASNTIQPTPTIPAIDPALFNTISQGDVRLTPEDFARAQKYCKYAG SALQYEDVSTAVQNLQKALKLLTTGRE 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_057569
RefSeq Size:	3371
RefSeq ORF:	921
Synonyms:	C6orf55; DRG-1; DRG1; HSPC228; LIP5; My012; SBP1
Locus ID:	51534



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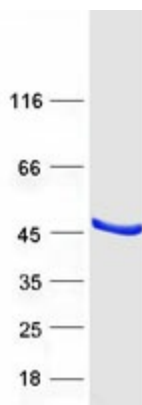
UniProt ID: [Q9NP79](#)

Cytogenetics: 6q24.1-q24.2

Summary: C6ORF55 encodes a protein involved in trafficking of the multivesicular body, an endosomal compartment involved in sorting membrane proteins for degradation in lysosomes (Ward et al., 2005 [PubMed 15644320]).[supplied by OMIM, Mar 2008]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified VTA1 protein (Cat# [TP305442]). The protein was produced from HEK293T cells transfected with VTA1 cDNA clone (Cat# [RC205442]) using MegaTran 2.0 (Cat# [TT210002]).