

Product datasheet for PH306628

Clavesin 1 (CLVS1) (NM_173519) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CLVS1 MS Standard C13 and N15-labeled recombinant protein (NP_775790)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206628
Predicted MW:	40.8 kDa
Protein Sequence:	>RC206628 protein sequence Red=Cloning site Green=Tags(s)

MGPVSLPKYQKLNTWNGDLAKMTHLQAGLSPETIEKARLELNENPDVLHQDIQQVRDMMITRPDIGFLR
TDDAFILRFLRARKFHQADAFRLLAQYFQYRQLNLMFKNFKADDPGIKRALIDGFGVLENRDHYGRKI
LLLFAANWDQSRNSFTDILRAILLSLEVLIEDPELQINGFILIIDWSNFSFKQASKLTSPILKLAIEGLQ
DSFPAFSGGVHFNQPYIHALYTLIKPFLKDKTRKRIFLHGNNLSLHQLIHPEFLPSEFGGTLPPYDM
GTWARTLLGPDYSDENDYTHTSYNAMHVKHTSSNLERECSPKLMKRSQSVVEAGTLKHEEKGENENTQPL
LALD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

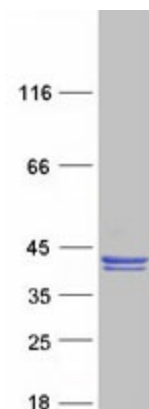
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	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_775790</u>
RefSeq Size:	3506
RefSeq ORF:	1062
Synonyms:	C6orf212L; CRALBPL; RLBP1L1
Locus ID:	157807



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UniProt ID: [Q8IUQ0](#)
Cytogenetics: 8q12.2-q12.3
Summary: Required for normal morphology of late endosomes and/or lysosomes in neurons (By similarity). Binds phosphatidylinositol 3,5-bisphosphate (PtdIns(3,5)P2).[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CLVS1 protein (Cat# [TP306628]). The protein was produced from HEK293T cells transfected with CLVS1 cDNA clone (Cat# [RC206628]) using MegaTran 2.0 (Cat# [TT210002]).