

Product datasheet for PH308732

C20orf103 (LAMP5) (NM_012261) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	C20orf103 MS Standard C13 and N15-labeled recombinant protein (NP_036393)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208732
Predicted MW:	31.5 kDa
Protein Sequence:	>RC208732 protein sequence Red=Cloning site Green=Tags(s) MDLQGRGVPSIDRLRVLLMLFHTMAQIMAEQEVENLSGLSTNPEKDFVRENGTTCLMAEFAAKFIVPY DVWASNYVDLITEQADIALTRGAEVKGRGHSQSELQVFWVDRAAYALKMLFKESHNMKSGPEATWRLSK VQFVYDSSEKTHFKDAVSAGKHTANSHHLSALVTPAGKSYECQAQQTISLASSDPQKTVTMILSAVHIQP FDIISDFVFSEEHKCPVDEREQLEETLPLILGLILGLVIMVTLAIYHVHVKMTANQVQIPRDRSQYKHMG 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- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-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_036393
RefSeq Size:	2059
RefSeq ORF:	840
Synonyms:	BAD-LAMP; BADLAMP; C20orf103; LAMP-5; UNC-46
Locus ID:	24141
UniProt ID:	Q9UJQ1



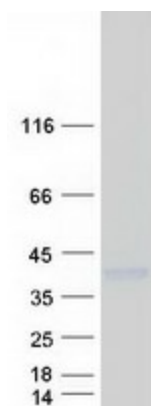
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Cytogenetics: 20p12.2

Summary: Plays a role in short-term synaptic plasticity in a subset of GABAergic neurons in the brain.
[UniProtKB/Swiss-Prot Function]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified LAMP5 protein (Cat# [TP308732]). The protein was produced from HEK293T cells transfected with LAMP5 cDNA clone (Cat# [RC208732]) using MegaTran 2.0 (Cat# [TT210002]).