

Product datasheet for PH301290

LAPTM4A (NM_014713) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LAPTM4A MS Standard C13 and N15-labeled recombinant protein (NP_055528)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC201290
Predicted MW:	26.8 kDa
Protein Sequence:	>RC201290 protein sequence Red =Cloning site Green =Tags(s) MVSMSFKRNRSDRFYSTRCCGCHVRTGTIILGTWYVVNLLMAILLTVEVTHPNSMPAVNIQYEVIGNY YSSERMADNACVLFVAVSVMFIISSMLVYGSISYQVGWLI PFFCYRLDFVLSCLVAISSLTYLPRRIKEY LDQLPDFPYKDDLLALDSSCLLFIVLVFFALFIIFKAYLINCWVWNCYKYINNRNVPEIAVYPAFEAPPQY VLPTYEMAVKMPKEPPPPYLP 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- 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_055528
RefSeq Size:	1783
RefSeq ORF:	699
Synonyms:	HUMORF13; LAPTM4; MBNT; Mtrp
Locus ID:	9741
UniProt ID:	Q15012 , Q6IBP4



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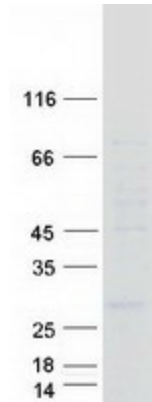
Cytogenetics: 2p24.1

Summary: This gene encodes a protein that has four predicted transmembrane domains. The function of this gene has not yet been determined; however, studies in the mouse homolog suggest a role in the transport of small molecules across endosomal and lysosomal membranes. [provided by RefSeq, Jul 2008]

Protein Families: Transmembrane

Protein Pathways: Lysosome

Product images:



Coomassie blue staining of purified LAPTM4A protein (Cat# [TP301290]). The protein was produced from HEK293T cells transfected with LAPTM4A cDNA clone (Cat# [RC201290]) using MegaTran 2.0 (Cat# [TT210002]).