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Product datasheet for PH317813

LAPTM5 (NM_006762) Human Mass Spec Standard

Product data:

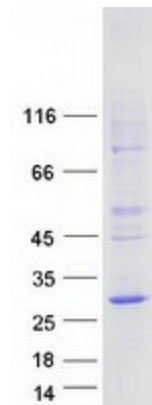|	
Product Type:	Mass Spec Standards
Description:	LAPTM5 MS Standard C13 and N15-labeled recombinant protein (NP_006753)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217813
Predicted MW:	29.9 kDa
Protein Sequence:	>RC217813 protein sequence Red=Cloning site Green=Tags(s) MDPRLSTVRQTCCCFNVRIATTALAIYHVIMSVLLFIEHSVEVAHGKASCKLSQMGYLRIADLISSFLLI TMLFIISLSLLIGVVKNREKYLLPFLSLQIMDYLLCLLTLLGSYIELPAYLKLASRSRASSSKFPLMTLQ LLDFCLSILTLCSSYMEVPTYLNFKSMNHMNYLPSQEDMPHNQFIKMMIIFSIAFITVLIFKVYMFKCVW RCYRLIKCMNSVEEKKNSKMLQKVVLPSYEEALSLPSKTPEGGPAPPPYSEV 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- 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_006753
RefSeq Size:	2240
RefSeq ORF:	786
Synonyms:	CLAST6
Locus ID:	7805
UniProt ID:	Q13571, Q5TBB8

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Cytogenetics:	1p35.2
Summary:	This gene encodes a transmembrane receptor that is associated with lysosomes. The encoded protein, also known as E3 protein, may play a role in hematopoiesis. [provided by RefSeq, Feb 2009]
Protein Families:	Transmembrane
Protein Pathways:	Lysosome

Product images:

Coomassie blue staining of purified LAPTM5 protein (Cat# [TP317813]). The protein was produced from HEK293T cells transfected with LAPTM5 cDNA clone (Cat# [RC217813]) using MegaTran 2.0 (Cat# [TT210002]).