

Product datasheet for **TP301290L**

LAPTM4A (NM_014713) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lysosomal protein transmembrane 4 alpha (LAPTM4A), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201290 protein sequence Red =Cloning site Green =Tags(s)
	 MVSMSEFRNRSDRFYSTRCCGCCHVRTGTIILGTWYMVVNLMAILLVEVTHPNMSPAVNIQYEVIGNY YSSERMADNACVLFVSVLMFISSMLVYGSISYQVGWLIPIFFCYRLDFVLSCLVAISSLTYLPRKEY LDQLPDFPYKDLLALDSSCLLFIVLVFFALFIIFKAYLINCWNCYKYINNRNVPEIAVYPAFEAPPQY VLPTYEMAVKMPEKEPPPPYLP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	26.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055528
Locus ID:	9741
UniProt ID:	Q15012 , Q6IBP4



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RefSeq Size: 1783

Cytogenetics: 2p24.1

RefSeq ORF: 699

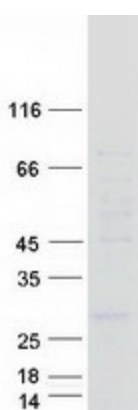
Synonyms: HUMORF13; LAPTM4; MBNT; Mtrp

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]).