

## Product datasheet for **TP301290**

### LAPTM4A (NM\_014713) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human lysosomal protein transmembrane 4 alpha (LAPTM4A), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC201290 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MVSMSEFRNRSDRFYSTRCCGCCHVRTGTIILGTWYMVVNLMAILLVEVTHPNMSPAVNIQYEVIGNY  
YSSERMADNACVLFVSVLMFISSMLVYGSISYQVGWLIPIFFCYRLDFVLSCLVAISSLTYLPRKEY  
LDQLPDFPYKDDLLALDSSCLLFIVLVFFALFIIFKAYLINCWNCYKYINNRNVPEIAVYPAFEAPPQY  
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:	<u><a href="#">NP_055528</a></u>
Locus ID:	9741
UniProt ID:	<u><a href="#">Q15012</a></u> , <u><a href="#">Q6IBP4</a></u>



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RefSeq Size: 1783

Cytogenetics: 2p24.1

RefSeq ORF: 699

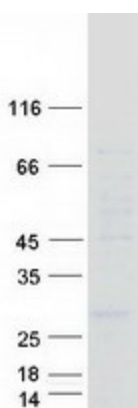
Synonyms: HUMORF13; LAPTM4; MBNT; Mtrp

**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]).