

Recombinant Human LAPTM4A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. LAPTM4A-4403H **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | LAPTM4A MS Standard C13 and N15-labeled recombinant protein (NP_055528) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells. |
| Species | Human |
| Source | HEK293 |
| Description | 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. |
| Molecular Mass | 26.8 kDa |
| AA Sequence | MVSMSFKRNRSDRFYSTRCCGCCHVRTGTIILGTWYMVVNLLMAILLTVVTHPNS MPAVNIQYEVIGNYYSSERMADNACVLFVSVLMFISSMLVYGSISYQVGWLIPIFFC YRLFDFVLSCLVAISSLTYPRIKEYLDQLPDFPYKDLLALDSSCLLFIVLVFFALFIIFK AYLINCWNCYKYINNRNVPEIAVYPAFEAPPQYVLPTYEMAVKMPEKEPPPPYLP A TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Purity | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Stability | Stable for 3 months from receipt of products under proper storage and handling conditions. |

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

| | |
|-------------------------|---|
| Storage | Store at -80 centigrade. Avoid repeated freeze-thaw cycles. |
| Concentration | 50 µg/mL as determined by BCA |
| Storage Buffer | 100 mM glycine, 25 mM Tris-HCl, pH 7.3. |
| GENE INFORMATION | |
| Gene Name | LAPTM4A lysosomal protein transmembrane 4 alpha [Homo sapiens (human)] |
| Official Symbol | LAPTM4A |
| Synonyms | LAPTM4A; lysosomal protein transmembrane 4 alpha; lysosomal associated protein transmembrane 4 alpha, MBNT; lysosomal-associated transmembrane protein 4A; HUMORF13; KIAA0108; LAPTM4; Mtrp; membrane nucleoside transporter; golgi 4-transmembrane-spanning transporter MTP; lysosomal-associated protein transmembrane 4 alpha; MBNT; |
| Gene ID | 9741 |
| mRNA Refseq | NM_014713 |
| Protein Refseq | NP_055528 |
| MIM | 618837 |
| UniProt ID | Q15012 |

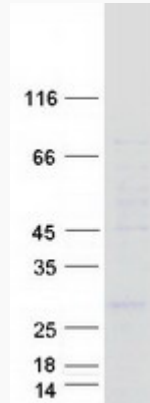
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA