

Product datasheet for TP501259

Litaf (NM_019980) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Purified recombinant protein of Mouse LPS-induced TN factor (Litaf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

Species: Mouse

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >MR201259 protein sequence
Red=Cloning site **Green**=Tags(s)

MSAPGPYQAAAGPSVWPTAPPTYEETVGVNSYYTPPAPMPGPATGLITGPDGKGMNPPSYYTQPVPVFN
ANAIQVQTVYVQQPVSYFYDRPVQMCCPSCSKMIVTQLSYNAGALTWLSCGSLCLLGCVAGCCFIPFCVDA
LQDVDHYCPNCKALLGTYKRL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK

Predicted MW: 16.9 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

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 after receiving vials.

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_064364](#)

Locus ID: 56722

UniProt ID: [Q9JLJ0](#)

RefSeq Size: 2240

Cytogenetics: 16 A1



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RefSeq ORF: 486

Synonyms: 3222402J11Rik; C85531; N4WBP3; TBX1

Summary: Plays a role in endosomal protein trafficking and in targeting proteins for lysosomal degradation. Plays a role in targeting endocytosed EGFR and ERGG3 for lysosomal degradation, and thereby helps downregulate downstream signaling cascades (PubMed:23166352). Helps recruit the ESCRT complex components TSG101, HGS and STAM to cytoplasmic membranes. Probably plays a role in regulating protein degradation via its interaction with NEDD4 (By similarity). May also contribute to the regulation of gene expression in the nucleus. Binds DNA (in vitro) and may play a synergistic role with STAT6 in the nucleus in regulating the expression of various cytokines (PubMed:15793005, PubMed:21980379). May regulate the expression of numerous cytokines, such as TNF, CCL2, CCL5, CXCL1, IL1A and IL10 (PubMed:12355436, PubMed:15025820, PubMed:16954198, PubMed:21980379, PubMed:22160695).[UniProtKB/Swiss-Prot Function]