

Recombinant Mouse Litaf Protein, Myc/DDK-tagged

Cat. No. Litaf-3792M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length LPS-induced TN factor (Litaf), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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. 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. 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. May regulate the expression of numerous cytokines, such as TNF, CCL2, CCL5, CXCL1, IL1A and IL10.
Molecular Mass	16.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name Litaf LPS-induced TN factor [Mus musculus (house mouse)]

Official Symbol Litaf

Synonyms LITAF; LPS-induced TN factor; lipopolysaccharide-induced tumor necrosis factor-alpha factor homolog; mEET; LITAF-like protein; Nedd4 WW domain-binding protein 3; LPS-induced TNF-alpha factor homolog; estrogen-enhanced transcript protein; TBX1; C85531; N4WBP3; 3222402J11Rik

Gene ID 56722

mRNA Refseq NM_019980

Protein Refseq NP_064364

UniProt ID Q9JLJ0

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