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.

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

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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