

Recombinant Human LITAF, His-tagged

Cat. No. LITAF-7246H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LITAF protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
description	Lipopolysaccharide-induced TNF-alpha factor, also known as LITAF, is a small integral membrane protein of lysosome/late endosome. LITAF mediates the expression of inflammatory cytokines such as TNF-alpha in Lipopolysaccharide-induced processes. LITAF binds to STAT6B, a member of the STAT6 family forming a complex on the TNF-alpha promoter that modulates TNF activity. High levels of expression of LITAF mRNA have been observed predominantly in the placenta, peripheral blood leukocytes, lymph nodes and spleen.
source	E. coli
species	Human
tag	His
form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
molecular mass	19.2 kDa (181aa)

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aa sequence	MGSSHHHHHH SSGLVPRGSH MSVPGPYQAA TGPSSAPSAP PSYEETVAVN SYYPTPPAPM PGPTTGLVTG PDGKGMNPPS YYTQPAPIPNNNPITVQTVY VQHPITFLDR PIQMCCPSCN KMIVSQLSYN AGALTWLSCG SLCLLGCIAG CCFIPFCVDA LQDVDHYCPN CRALLGTYKR L
purity	>85% by SDS - PAGE
applications	SDS-PAGE
storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
concentration	1 mg/ml

GENE INFORMATION

gene name	LITAF lipopolysaccharide-induced TNF factor [Homo sapiens]
official symbol	LITAF
synonyms	LITAF; lipopolysaccharide-induced TNF factor; lipopolysaccharide-induced tumor necrosis factor-alpha factor; FLJ38636; PIG7; SIMPLE; TP53I7; p53-induced gene 7 protein; LPS-induced TNF-alpha factor; tumor protein p53 inducible protein 7; lipopolysaccharide-induced TNF-alpha factor; small integral membrane protein of lysosome/late endosome; MGC116698; MGC116700; MGC116701; MGC125274; MGC125275; MGC125276;
Gene ID	9516
mrna refseq	NM_001136472

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protein refseq	NP_001129944
mim	603795
uniprot id	Q99732
chromosome location	16p13.3-p12
function	WW domain binding; signal transducer activity;

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