

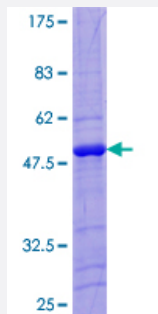
Full-Length

LITAF (Human) Recombinant Protein (P01)

Catalog # H00009516-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human LITAF full-length ORF (NP_004853.2, 1 a.a. - 161 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MSVPGPYQAATGPSSAPSAPPSYEETVAVNSYYPTTPAPMPGPTTGLVTGPDGKGMNPPSYTQ
PAPIPNNNPITVQTVYVQHPITFLDRPIQMCCPSCNKMVSQLSYNAGALTWLSCGSLCLLGCIAGC
CFIPFCVDALQDVDHYCPNCRALLGTYKRL

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

43.5

Interspecies Antigen Sequence

Mouse (85); Rat (86)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — LITAF

Entrez GeneID	9516
GeneBank Accession#	NM_004862.2
Protein Accession#	NP_004853.2
Gene Name	LITAF
Gene Alias	FLJ38636, MGC116698, MGC116700, MGC116701, MGC125274, MGC125275, MGC125276, PIG7, SIMPLE, TP53I7
Gene Description	lipopolysaccharide-induced TNF factor
Omim ID	601098 603795
Gene Ontology	Hyperlink
Gene Summary	Lipopolysaccharide is a potent stimulator of monocytes and macrophages, causing secretion of tumor necrosis factor-alpha (TNF-alpha) and other inflammatory mediators. This gene encodes lipopolysaccharide-induced TNF-alpha factor, which is a DNA-binding protein and can mediate the TNF-alpha expression by direct binding to the promoter region of the TNF-alpha gene. The transcription of this gene is induced by tumor suppressor p53 and has been implicated in the p53-induced apoptotic pathway. Mutations in this gene cause Charcot-Marie-Tooth disease type 1C (CMT1C) and may be involved in the carcinogenesis of extramammary Paget's disease (EMPD). Multiple alternatively spliced transcript variants have been found for this gene. [provided by RefSeq]
Other Designations	LPS-induced TNF-alpha factor lipopolysaccharide-induced TNF-alpha factor lipopolysaccharide-induced tumor necrosis factor-alpha factor p53-induced gene 7 protein small integral membrane protein of lysosome/late endosome tumor protein p53 inducible protein

Disease

- [Arrhythmias](#)
- [Charcot-Marie-Tooth Disease](#)
- [Death](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Multiple Sclerosis](#)
- [Pulmonary Disease](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)