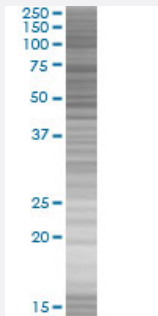


LITAF 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009516-T01

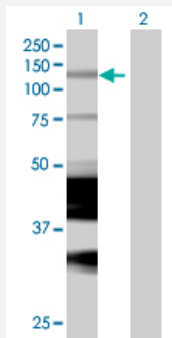
Size 100 uL

Applications



SDS-PAGE Gel

LITAF transfected lysate.



Western Blot

Lane 1: LITAF transfected lysate (17.1 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-LITAF full-length
Host	Human
Theoretical MW (kDa)	17.1
Interspecies Antigen Sequence	Mouse (85); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-LITAF antibody ([H00009516-B01](#)) by Western Blots.
SDS-PAGE Gel
LITAF transfected lysate.
Western Blot
Lane 1: LITAF transfected lysate (17.1 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — LITAF

Entrez GeneID

[9516](#)

GeneBank Accession#

[NM_004862.2](#)

Protein Accession#

-

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](#)