9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

LITAF Human

Lipopolysaccharide-Induced TNF Factor Human Recombinant
RCP1251

Product Overview

Name	LITAF Human
Description	
Lipopolysaccharide-Induced TNF Factor Human Recombinant	
Accession (Primary)	Q99732
Synonyms	
Lipopolysaccharide-induced TNF-alpha factor, PIG7, SIMPLE, Lipopolysaccharide-induced tumor necrosis factor-alpha factor, LPS-induced TNF-alpha factor, p53-induced gene 7 protein, Small integral membrane protein of lysosome/late endosome, LITAF.	
Introduction	
Lipopolysaccharide-induced TNF-alpha factor (LITAF) is a small integral membrane protein of lysosome/late endosome. The expression of inflammatory cytokines such as TNF-alpha in Lipopolysaccharide-induced processes is mediated by LITAF. LITAF connects to STAT6B, which belongs to the STAT6 family forming a complex on the TNF-alpha promoter that modifies TNF activity. High levels of expression of LITAF mRNA are observed mostly in the placenta, peripheral blood leukocytes, lymph nodes and spleen.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The LITAF solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSVPGPYQAA TGPSSAPSAP PSYEETVAVN SYYPTPPAPM PGPTTGLVTG PDGKGMNPPS YYTQPAPIPN NNPITVQTVY VQHPITFLDR PIQMCCPSCN KMIVSQLSYN AGALTWLSCG	

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SLCLLGCIAG CCFIPFCVDA LQDVDHYCPN CRALLGTYKR L.

Precautions

LITAF Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99732)