

Datasheet for ABIN7561677
LITAF Protein (AA 1-161) (His tag)



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Overview

Quantity:	1 mg
Target:	LITAF
Protein Characteristics:	AA 1-161
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LITAF protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Litaf Protein expressed in mammalian cells.
Sequence:	MSAPGPYQAA AGPSVPTAP PTYEETVGVN SYYPTPPAPM PGPATGLITG PDGKGMNPPS YYTQPVPVPN ANAIAVQTVY VQQPVSYFYDR PVQMCCPSCS KMIVTQLSYN AGALTWLSCG SLCLLGCVAG CCFIPFCVDA LQVDVHYCPN CKALLGTYKR L Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

transmembrane proteins.

- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	LITAF
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Alternative Name:	Litaf (LITAF Products)
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Background:	<p>Lipopolysaccharide-induced tumor necrosis factor-alpha factor homolog (LPS-induced TNF-alpha factor homolog) (Estrogen-enhanced transcript protein) (mEET) (LITAF-like protein) (NEDD4 WW domain-binding protein 3),FUNCTION: 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 down-regulate downstream signaling cascades (PubMed:23166352). 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 (By similarity). 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 (PubMed:15793005, PubMed:21980379). May regulate the expression of numerous cytokines, such as TNF, CCL2, CCL5, CXCL1, IL1A and IL10 (PubMed:12355436, PubMed:15025820, PubMed:16954198, PubMed:21980379, PubMed:22160695). {ECO:0000250 UniProtKB:Q99732, ECO:0000269 PubMed:12355436, ECO:0000269 PubMed:15025820, ECO:0000269 PubMed:15793005, ECO:0000269 PubMed:16954198, ECO:0000269 PubMed:21980379, ECO:0000269 PubMed:23166352}.</p>
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Target Details

Molecular Weight: 16.9 kDa

UniProt: [Q9JLJ0](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months