

Datasheet for ABIN7549101

LIAT1/C17orf97 Protein (AA 1-453) (His tag)[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	LIAT1/C17orf97 (C17orf97)
Protein Characteristics:	AA 1-453
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This LIAT1/C17orf97 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant LIAT1 Protein expressed in mammalian cells.
Sequence:	<p>METRGPGLAV RAESRRLVGI GPRAPPGRVG LQPSGRLDRR GGAGTMGYKD NDGEEEEEREG GAAGPRGSRL PPITGGASEL AKRKVKKKKR KKKTKGSGKG DDKHQSQLK SQPLSSSFHD ILSPCKERGP KPEHRQSKVE KKHLPDSST VSLPDFAEIE NLANRINESL RWDGILADPE AEKERIRIYK LNRRKRYRCL ALKGFHPDPE ALKGFHPDPD ALKGFHPDPE ALKGFHPDPE ALKGFHPDPE ALKGFHPDPE ALKGIHPDPE ALKGIHPDPE ALKGFHPDPE ALKGFHPDPE ALKGFHTDPE ALKGFHIDPE ALKGFHPDPK ALKGFHPDPK ALKGFHTDPE ALKGFHPDPK ALKGFHPDPE ALKGFHPDPE ALKGFHPDPE ALKGFHTDPN AEEAPENLPY LSDKDGSSSH RQPTSKAECP NLCFEGNLTP KLLHSDLAPT LLE 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

isoform, please contact us regarding an individual offer.

Characteristics:

Key Benefits:

- 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 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)

Grade:

custom-made

Target Details

Target:

LIAT1/C17orf97 (C17orf97)

Alternative Name:

LIAT1 ([C17orf97 Products](#))

Background:

Protein LIAT1 (Ligand of ATE1 protein),FUNCTION: Participates in nucleolar liquid-liquid phase separation (LLPS) through its N-terminal intrinsically disordered region (IDR). May be involved in ATE1-mediated N-terminal arginylation. {ECO:0000250|UniProtKB:Q810M6}.

Molecular Weight:

49.7 kDa

UniProt:

[Q6ZQX7](#)

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