

Datasheet for ABIN7548499
ILVBL Protein (AA 1-632) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ILVBL
Protein Characteristics:	AA 1-632
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ILVBL protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant ILVBL Protein expressed in mammalian cells.
Sequence:	METPAAAAPA GSLFPSLLLL ACGTLVAALL GAAHRLGLFY QLLHKVDKAS VRHGGENVAA VLRAHGVRFI FTLVGGHISP LLVACEKLG I RVDTRHEVT AVFAADAMAR LSGTVGVAAV TAGPGLTNTV TAVKNAQMAQ SPILLGGAA STLLQNRGAL QAVDQLSLFR PLCKFCVSVR RVRDIVPTLR AAMAAAQSGT PGPVFVELPV DVLYPYFMVQ KEMVPAKPPK GLVGRVVS WY LENYLANLFA GAWEPQPEGP LPLDIPQASP QQVQRCVEIL SRAKRPLMVL GSQALLTPTS ADKLRAAVET LGVPCFLGGM ARGLLGRNHP LHIRENRSAA LKKADVIVLA GTVCDFRLSY GRVLSHSSKI IIVNRNREEM LLNSDIFWKP QEAVQGDVGS FVLKLV EGLQ GQTWAPDWVE ELREADRQKE QTFREKAAMP VAQHLNPVQV LQLVEETLPD NSILVVDGGD FVGTA AHLVQ PRGPLRWLDP GAFGTLG VGA GFALGAKLCR PDAEVWCLFG DGAFGYSLIE FDTFVRHKIP VMALVGNDAG WTQISREQVP SLGSNVACGL AYTDYHKAAM GLGARGLLLS RENEDQVVKV LHDAQQCRD GHPVVVNILI GRTDFRDGSI AV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity

Product Details

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:

- 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: ILVBL

Alternative Name: ILVBL ([ILVBL Products](#))

Background: 2-hydroxyacyl-CoA lyase 2 (EC 4.1.2.-) (Acetolactate synthase-like protein) (IlvB-like protein),FUNCTION: Endoplasmic reticulum 2-OH acyl-CoA lyase involved in the cleavage (C1 removal) reaction in the fatty acid alpha-oxydation in a thiamine pyrophosphate (TPP)-dependent manner. Involved in the phytosphingosine degradation pathway. {ECO:0000269|PubMed:28289220}.

Molecular Weight: 67.9 kDa

UniProt: [A1L0T0](#)

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
