

Datasheet for ABIN7558895
ILVBL Protein (AA 1-632) (His tag)



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Overview

Quantity:	1 mg
Target:	ILVBL
Protein Characteristics:	AA 1-632
Origin:	Mouse
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:	<p>METSAAAASA GGFPSFLLL AFGTLVA AVL GVAHRLGLFY QLMHKVDKTS IRHGGESVAA VLRAHGVRV FTLVGGHISP LLVACEKLG RVVDTRHEVT AVFAADAVAR LTGTVGVA AV TAGPGLTNTV TAVKNAQVAQ SPVLLLGGAA STLLQKRGAL QAIDQMSLFR PLCKFCASVR RVRDIVPTLR TAIAAAQSGT PGPVFVELPL DVLYPYFMVE KEMIPTKLPN SLMGRVVVWY LQNCLANLFV GAWEP RPEGP LPDIPQASP QQVQRCVEIL SRAKRPLLVL GSQALLPPTP ANKLRAAVET LGVPCFLGGM SRG LLGRNHP LHIRQNRSAA LKKADVVVLA GAVCDFRLSY GRVLNRKSSI IIVNRNRDDL LLNSDIFWKP QEAVQGDVGS FMIKLVEGLQ GQMWSSDWAE ELRKADQQKE QTYRDKALMP VLQHLNPVWV LQQVEETLPD NALLVVDGGD FVATAAYLVQ PRGPLRWLDP GAFGTLGVGA GFALGAKLCQ PEA EVWCLFG DGAFGYSLIE FDTFVRHKVP VIALVGNDAG WTQISREQVP RLGS DVACSL AYTDYHKAAM GLGAQGLILS RDNKDQVVKV LREGQQLCQD GHAVVVNILI GRTDFRDGSI SV Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity</p>

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:	<p>Key Benefits:</p> <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 transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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:0000250 UniProtKB:A1L0T0}.
Molecular Weight:	68.2 kDa
UniProt:	Q8BU33

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