

Product Information

MemDX™ Membrane Protein Human ILVBL (ilvB acetolactate synthase like) for Antibody

Discovery

Cat. No.: **MP0494J**

This product is for research use only and is not intended for diagnostic use.

This product is a 67.7 kDa Human ILVBL membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

ILVBL

Protein Length

Full-length

Protein Class

Transmembrane

Molecular Weight

67.7 kDa

TMD

1

Sequence

METPAAAAPAGSLFPSFLLACGTLVAALLGAAHRLGLFYQLLHKVDKASVRHGGENVA AVLRAHGVRFI
FTLVGGHISPLL VACEKLGIRVVDTRHEVTAVFAADAMARLSGTVGVAAVTAGPGLTNTVTAVKNAQMAQ
SPILLGGAASTLLQNRGALQAVDQLSLFRPLCKFCVSVRRVRDIVPTLRAAMAAAQSGTPGPVFVELPV
DVLYPYFMVQKEMVPAKPPKGLVGRVVSWYLENYLANL FAGAWEPQPEGPLPLDIPQASPQQVQRCVEIL
SRAKRPLMVLSQALLTPTSADKLRAAVETLGVPCFLGGMARGLLGRNHPLHIRENRS AALKKADVIVLA
GTVCDFRLSYGRVLSHSSKIIIVNRNREEMLLNSDIFWKPQEAVQGDVGSFVLKLVEGLQGQTWAPDWVE
ELREADRQKEQTFREKAAMPVAQHLNPVQVLQVLEETLPDNSILVVDGGDFVGTAAHLVQPRGPLRWLDP
GAFGTLGVGAGFALGAKLCRPDAEVWCLFGDGAFGYSLIEFDTFVRHKIPVMALVGNDAGWTQISREQVP
SLGSNVACGLAYTDYHKAAMGLGARGLLLSRENEDQVVKVLHDAQQQCRDGHV VVNILIGRTDFRDGSI
AV

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

ILVBL

Full Name

ilvB acetolactate synthase like

Introduction

The protein encoded by this gene shares similarity with several thiamine pyrophosphate-binding proteins identified in bacteria, yeast, and plants. The highest degree of similarity is found with bacterial acetolactate synthases (AHAS), which are enzymes that catalyze the first step in branched-chain amino acid biosynthesis.

Alternative Names

AHAS; 209L8; ILV2H; HACL1L

Gene ID

[10994](#)

UniProt ID

[A1L0T0](#)