

Product Information

MemDX™ Membrane Protein Human ILVBL (IlvB acetolactate synthase like) Expressed *in vitro* *E.coli* expression system, Full Length

Cat. No.: **MPX1967K**

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

This product is a Human ILVBL membrane protein expressed *in vitro* *E.coli* expression system. 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

Receptor

TMD

1

Sequence

METPAAAAPAGSLFPSFLLACGTLVAALLGAAHRLGLFYQLLHKVDKASVRHGGENVAAVLRAHGVRIFTLVGGHISPLLVACEKL

Product Description

Expression Systems

in vitro *E.coli* expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

ILVBL; AHAS; 209L8; ILV2H; HACL1L; 2-hydroxyacyl-CoA lyase 2; 2-hydroxyacyl-CoA lyase 1 like; acetolactate synthase homolog; acetolactate synthase-like protein; ilvB (bacterial acetolactate synthase)-like; ilvB-like protein; IlvB acetolactate synthase like

Gene ID

[10994](#)

UniProt ID

[A1LOTO](#)