

# 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

METPAAAAPAGSLFPSFLLLACGTLVAALLGAAHRLGLFYQLLHKVDKASVRHGGENVA AVLRAHGVRFIFTLVGGHISPLLVACEKI

### 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; HAC11L; 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

[A1L0T0](#)