

Recombinant Human ILVBL Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ILVBL-5298H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ILVBL MS Standard C13 and N15-labeled recombinant protein (NP_006835) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	67.9 kDa
AA Sequence	METPAAAAPAGSLFPSFLLACGTLVAALLGAAHRLGLFYQLLHKVDKASVRHGGEN VAAVLRAHGVRFIFTLVGGHISPLLVACEKLGIRVVDTRHEVTAVFAADAMARLSGTV GVAAVTAGPGLTNTVTAVKNAQMAQSPILLGGAASTLLQNRGALQAVDQLSLFRPL CKFCVSVRRVRDIVPTLRAAMAAQSGTPGPVFVELPVDVLYPYFMVQKEMVPAKP PKGLVGRVSWYLENYLANLFAGAWEPQPEGPLPLDIPQASPQQVQRCVEILSRAK RPLMVLGSQALLTPTSADKLRAAVETLGVPCFLGGMARGLLGRNHPLHIRENRSAAAL KKADVIVLAGTVCDFRLSYGRVLSHSSKIIIVNRNREEMLLNSDIFWKPQEAVQGDVG SFVLKLVEGLQGQGTWAPDWVEELREADRQKEQTFREKAAMPVAQHLNPVQVLQLV EETLPDINSILVVDGGDFVGTAHLVQPRGPLRWLDPGAFGTLGVGAGFALGAKLCR

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PDAEVWCLFGDGAFGYSLIEFDTFVRHKIPVMALVGNDAGWTQISREQVPSLGSNV
ACGLAYTDYHKAAMGLGARGLLLSRENEDQVVKVLHDAQQQCRDGHPVVVNILIGR
TDFRDGSIIVTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name ILVBL ilvB acetolactate synthase like [Homo sapiens (human)]

Official Symbol ILVBL

Synonyms ILVBL; ilvB (bacterial acetolactate synthase)-like; acetolactate synthase-like protein; 209L8; acetolactate synthase homolog; AHAS; FLJ39061; ILV2H; MGC1269; MGC19535; ilvB-like protein;

Gene ID 10994

mRNA Refseq NM_006844

Protein Refseq NP_006835

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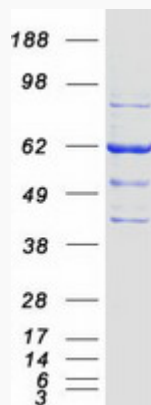
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MIM 605770

UniProt ID A1L0T0

SDS-PAGE



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