

## Product datasheet for **TP303987L**

### **ILVBL (NM\_006844) Human Recombinant Protein**

#### **Product data:**

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human ilvB (bacterial acetolactate synthase)-like (ILVBL), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC203987 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

METPAAAAPAGSLFPSFLLACGTLVAALLGAAHRLGLFYQLLHKVDKASVRHGGENVAAVLRAHGVRFI  
FTLVGGHISPLLVACEKLGIRVVDTRHEVTAVFAADAMARLSGTVGVAAVTAGPGLTNTVTAVKNAQMAQ  
SPILLGGAASTLLQNRGALQAVDQLSLFRPLCKFCVSVRRVRDIVPTLRAAMAAAQSGTPGPVVELPV  
DVLYPYFMVQKEMVPAKPPKGLVGRVSWYLENYLANLFAWEPQPEGPLDIPQASPQQVQRCVEIL  
SRAKRPLMVLGSQALLTPTSADKLRAAVETLGVPCFLGGMARGLLGRNHPLHIRENRSAAKKADVILA  
GTVCDFRLSYGRVLSHSSKIIIVNRNREEMLLNSDIFWKPQEAVQGDVGSFVLLKVEGLQGQTPWPDWVE  
ELREADRQKEQTFREKAAMPVAQHLNPVQVLQVEETLPDINSILVVDGGDFVGTAAHLVQPRGPLRWLDP  
GAFGTLGVGAGFALGAKLCPDAEWWCLFGDGFYSLIEFDTFVRHKIPVMALVGNDAWGTQISREQVP  
SLGNSVACGLAYTDYHKAAMGLGARGLLSRENEDQVVKVLHDAQQQCRDGHVWNILIGRTDFRDGSI  
AV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 67.7 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

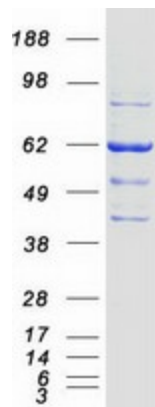
**Storage:** Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_006835</u>
<b>Locus ID:</b>	10994
<b>UniProt ID:</b>	<u>A1L0T0</u>
<b>RefSeq Size:</b>	2347
<b>Cytogenetics:</b>	19p13.12
<b>RefSeq ORF:</b>	1896
<b>Synonyms:</b>	209L8; AHAS; HAC11L; ILV2H
<b>Summary:</b>	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. [provided by RefSeq, Jul 2008]
<b>Protein Families:</b>	Transmembrane

### Product images:



Coomassie blue staining of purified ILVBL protein (Cat# [TP303987]). The protein was produced from HEK293T cells transfected with ILVBL cDNA clone (Cat# [RC203987]) using MegaTran 2.0 (Cat# [TT210002]).