

## Recombinant Human ILVBL Protein, GST-tagged

Cat. No. ILVBL-5154H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human ILVBL full-length ORF ( AAH00109, 1 a.a. - 224 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                   |
| <b>Description</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.<br>[provided by RefSeq] |
| <b>Molecular Mass</b>   | 50.38 kDa                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | METPAAAAPAGSLFPSFLLACGTLVAALLGAAHRLGLFYQLLHKVDKASVRHGGEN<br>VAAVLRAHGVRFIFTLVGGHISPLLVACEKLGIRVVDTRHEVTAVFAADAMARLSGTV<br>GVAAVTAGPGLTNTVTAVKNAQMAQSPILLGGAASTLLQNRGALQAVDQLSLFRPP<br>GCGQHPHWEDGLPRWLHCCIGPCGSGRLAAFLPLDCVQLVWSLIACPGPIP                                                                                                                    |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                            |

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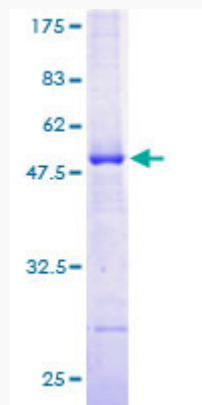
|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                   |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                            |
| <b>Gene Name</b>        | ILVBL ilvB (bacterial acetolactate synthase)-like [ Homo sapiens ]                                                                                                                         |
| <b>Official Symbol</b>  | ILVBL                                                                                                                                                                                      |
| <b>Synonyms</b>         | ILVBL; ilvB (bacterial acetolactate synthase)-like; acetolactate synthase-like protein; 209L8; acetolactate synthase homolog; AHAS; FLJ39061; ILV2H; MGC1269; MGC19535; ilvB-like protein; |
| <b>Gene ID</b>          | 10994                                                                                                                                                                                      |
| <b>mRNA Refseq</b>      | NM_006844                                                                                                                                                                                  |
| <b>Protein Refseq</b>   | NP_006835                                                                                                                                                                                  |
| <b>MIM</b>              | 605770                                                                                                                                                                                     |
| <b>UniProt ID</b>       | A1L0T0                                                                                                                                                                                     |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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