

## Recombinant Human EIF5B protein, His-tagged

**Cat. No.** EIF5B-452H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EIF5B protein(O60841)(629-846aa), fused with N-terminal His tag, was expressed in E.coli.                                                                                                                                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 629-846aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 30.3 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

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**AA Sequence**

LRAPIICVLGHVDTGKTKILDKLRHTHVQDGEAGGITQQIGATNVPLEAINEQTKMIKN  
 FDRENVRIIPGMLIIDTPGHESFSNLRNRGSSLCDIAILVVDIMHGLEPQTIESINLLKSK  
 KCPFIVALNKIDRLYDWKKSPSDVAATLKKQKKNTKDEFEERAKAIIVEFAQQGLNA  
 ALFYENKDPRTFVSLVPTSAHTGDGMGSLIYLLVELTQTML

## GENE INFORMATION

**Gene Name** EIF5B eukaryotic translation initiation factor 5B [ Homo sapiens ]

**Official Symbol** EIF5B

**Synonyms** EIF5B; eukaryotic translation initiation factor 5B; DKFZp434I036; FLJ10524; IF2; KIAA0741; translation initiation factor IF2; eIF-5B; translation initiation factor IF-2;

**Gene ID** 9669

**mRNA Refseq** NM\_015904

**Protein Refseq** NP\_056988

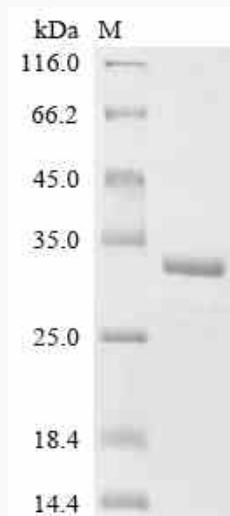
**MIM** 606086

**UniProt ID** O60841

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**SDS-PAGE**

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