

# Recombinant Human EIF5B protein, His-tagged

**Cat. No.** EIF5B-3469H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human EIF5B protein(871-1220 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 871-1220 aa                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.                                                                                                 |
| <b>AA Sequence</b>      | TTIDVILINGRLKEGDTIIVPGVEGPVITQIRGLLLPPPMKELRVKNQYEKHKEVEAAQG<br>VKILGKDLEKTLAGLPLLVAIKEDEIPVLKDELIHELKQTLNAIKLEEKGVYVQASTLGS<br>LEALLEFLKTSEVPYAGINIGPVHKKDVMKASVMLEHDPQYAVNLAFDVRIERDAQE<br>MADSLGVRI FSAEIIYHLFDAFTKYRQDYKKQKQEEFKHIAVFPCIKILPQYIFNSRDP<br>IVMGVTVEAGQVKQGTMPMCVPSKNFVDIGIVTSIEINHKQVDVAKKGQEVCKIEPIP<br>GESPKMFGRHFEATDILVSKISRQSIDALKDWFRDEM QKSDWQLIVELKKVFEII |
| <b>Purity</b>           | 95%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw                                                                                                                                                        |

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## 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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