

## Recombinant Human EIF5B Protein(871-1220 aa), GST-tagged

Cat. No. EIF5B-3470H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human EIF5B Protein(871-1220 aa), fused with GST 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 100mM GSH.
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
<b>Reconstitution</b>	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. After reconstitution with sterile water, if glycerol has no effect on subsequent experiments, it is recommended to add an equal volume of glycerol for long-term storage.

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**AA Sequence**

TTIDVILINGRLKEGDTIIVPGVEGPIVTQIRGLLLPPPMKELRVKNQYEKHKEVEAAQG  
 VKILGKDLEKTLAGLPLLVAYPEDEIPVLKDELIHELKQTLNAIKLEEKGVYVQASTLGS  
 LEALLEFLKTSEVPYAGINIGPVHKKDVMKASVMLEHDPQYAVNLAFDVRIERDAQE  
 MADSLGVRIFSAEIIYHLFDAFTKYRQDYKKQKQEEFKHIAVFPCKIKILPQYIFNSRDP  
 IVMGVTVEAGQVKQGTPMCVPSKNFVDIGIVTSIEINHKQVDVAKKGQEVCKIEPIP  
 GESPKMFGRHFEATDILVSKISRQSIDALKDWFRDEMOKSDWQLLIVELKKVFEII

**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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