

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

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

SPECIFICATION

Product Overview	Recombinant Human EIF5B Protein(871-1220 aa), fused with GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	871-1220 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	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.
Reconstitution	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
 VKILGKDLEKTLAGLPLLVAYKEDEIPVLKDELIHELKQTLNAIKLEEKGVYVQASTLGS
 LEALLEFLKTSEVPYAGINIGPVHKKDVMKASVMLEHDPQYAVNLAFDVRIERDAQE
 MADSLGVRIFSAEIIYHLFDAFTKYRQDYKKQKQEEFKHIAVFPCKIKILPQYIFNSRDP
 IVMGVTVEAGQVKQGTPMCVP SKNFVDIGIVTSIEINHKQVDVAKKGQEVCKIEPIP
 GESPKMFGRHFEATDILVSKISRQSIDALKDWFRDEM QKSDWQLIVELKKVFEII

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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