

Recombinant Human EIF5B protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human EIF5B protein(871-1220 aa), fused to His 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 300mM imidazole.
AA Sequence	TTIDVILINGRLKEGDTIIVPGVEGPVITQIRGLLLPPPMKELRVKNQYEKHKEVEAAQG VKILGKDLEKTLAGLPLLVAIKEDEIPVLKDELIHELKQTLNAIKLEEKGVYVQASTLGS LEALLEFLKTSEVPYAGINIGPVHKKDVMKASVMLEHDPQYAVNLAFDVRIERDAQE MADSLGVRIFSAEIHYHLFDAFTKYRQDYKKQKQEEFKHIAVFPCIKILPQYIFNSRDP IVMGVTVEAGQVKQGTMPMCVPSKNFVDIGIVTSIEINHKQVDVAKKGQEVCKIEPIP GESPKMFGRHFEATDILVSKISRQSIDALKDWFRDEMQKSDWQLIVELKKVFEII
Purity	95%, 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, 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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