

Recombinant Human EIF4G2 protein, His-tagged

Cat. No. EIF4G2-3683H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4G2 protein(563-907 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	563-907 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	EAVNGVREMRAPKHFLPEMLSKVILSLDRSDEDKEKASSLISLLKQEGIATSDNFMQ AFLNVLDQCPKLEVDIPLVKSYLAQFAARAIISELVSISELAQPLESGTHFPLFLLCLQQ LAKLQDREWLTSELFQQSKVNMQKMLPEIDQNKDRMLEILEGKGLSFLFPLLKLEKEL LKQIKLDPSPQTIYKWIKDNISPKLHVDPKGFVNILMTSFLQYISSEVNPPSDETDSSSA PSKEQLEQEQQLLSFKPVMQKFLHDHVDLQVSALYALQVHCYNSNFPKGMLLRFF VHFYDMEIIIEEAFLAWKEDITQEFPGKGKALFQVNQWLTWLETAEEEESEEEAD
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, 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

EIF4G2 eukaryotic translation initiation factor 4 gamma, 2 [Homo sapiens]

Official Symbol

EIF4G2

Synonyms

EIF4G2; eukaryotic translation initiation factor 4 gamma, 2; eukaryotic translation initiation factor 4 gamma 2; DAP5; NAT1; p97; DAP-5; eIF4G 2; eIF-4G 2; eIF-4-gamma 2; aging-associated protein 1; death-associated protein 5; eukaryotic translation initiation factor 4G-like 1; P97; AAG1; FLJ41344;

Gene ID

1982

mRNA Refseq

NM_001042559

Protein Refseq

NP_001036024

MIM

602325

UniProt ID

P78344

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