

Recombinant Human EIF4G1 protein, His-tagged

Cat. No. EIF4G1-12383H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4G1 protein(296-645 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	296-645 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 contains 300mM imidazole.
AA Sequence	IEEYLHLNDMKEAVQCVQELASPSLLFIFVRHGVESTLERSAIAREHMGQLLHQLLCA GHLSTAQYYQGLYEILELAEDMEIDIPHVWLYLAELVTPILQEGGVPMGELFREITKPL RPLGKAASLLLEILGLLCKSMGPKKVGTLWREAGLSWKEFLPEGQDIGAFVAEQKVE YTLGEESEAPGQRALPSEELNRQLEKLLKEGSSNQRFVDWIEANLSEQQIVSNTLVR ALMTAVCYSAILFETPLRVDVAVLKARAKLLQKYLCDEQKELQALYALQALVVTLEQP PNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLREAE EESDHN
Purity	90%, 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,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/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.

GENE INFORMATION

Gene Name	EIF4G1 eukaryotic translation initiation factor 4 gamma 1 [Homo sapiens (human)]
Official Symbol	EIF4G1
Synonyms	EIF-4G1; EIF4F; EIF4G; EIF4GI; P220; PARK18
Gene ID	1981
mRNA Refseq	NM_004953
Protein Refseq	NP_004944
MIM	600495
UniProt ID	Q04637

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