

Recombinant Human EIF4G1 Protein (1250-1599 aa), His-tagged

Cat. No. EIF4G1-1387H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4G1 Protein (1250-1599 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Partial.
Species	Human
Source	Yeast
ProteinLength	1250-1599 aa
Description	Component of the protein complex eIF4F, which is involved in the recognition of the mRNA cap, ATP-dependent unwinding of 5'-terminal secondary structure and recruitment of mRNA to the ribosome.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	41.6 kDa
AA Sequence	IEEYLHLNDMKEAVQCVQELASPSLLFIFVRHGVESTLERSAIAREHMGQLLHQLLCA GHLSTAQYYQGLYEILELAEDMEIDIPHWLYLAELVTPILQEGGVPMGELFREITKPL RPLGKAASLLLEILGLLCKSMGPKKVGTLWREAGLSWKEFLPEGQDIGAFVAEQKVE YTLGEESEAPGQRALPSEELNRQLEKLLKEGSSNQRVFDWIEANLSEQQIVSNTLVR ALMTAVCYSIAIFETPLRVDVAVLKARAKLLQKYLCDEQKELQALYALQALVVTLEQP PNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLREAE

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	EESDHN
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	EIF4G1 eukaryotic translation initiation factor 4 gamma, 1 [Homo sapiens]
Official Symbol	EIF4G1
Synonyms	EIF4G1; p220; EIF4-gamma; P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1; DKFZp686A1451;
Gene ID	1981
mRNA Refseq	NM_001194946
Protein Refseq	NP_001181875
MIM	600495

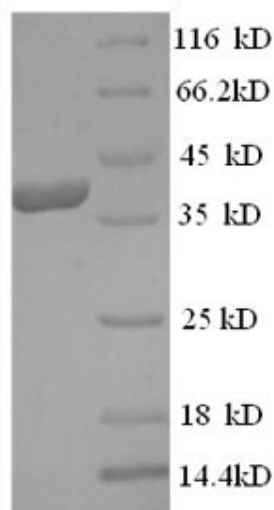
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UniProt ID

Q04637



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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