Recombinant Human EIF4G1 protein, His-B2M-JD & Myc-tagged

Cat. No. EIF4G1-2844H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF4G1 protein(Q04637)(1250-1599aa), fused to N-terminal His, B2M and JD tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1250-1599aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	46.6 kDa
AA Sequence	IEEYLHLNDMKEAVQCVQELASPSLLFIFVRHGVESTLERSAIAREHMGQLLHQLLCAGHLSTAQYYQGLYEILELAEDMEIDIPHVWLYLAELVTPILQEGGVPMGELFREITKPLRPLGKAASLLLEILGLLCKSMGPKKVGTLWREAGLSWKEFLPEGQDIGAFVAEQKVEYTLGEESEAPGQRALPSEELNRQLEKLLKEGSSNQRVFDWIEANLSEQQIVSNTLVRALMTAVCYSAIIFETPLRVDVAVLKARAKLLQKYLCDEQKELQALYALQALVVTLEQPPNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLREAEEESDHN

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name	EIF4G1 eukaryotic translation initiation factor 4 gamma, 1 [Homo sapiens]
Official Symbol	EIF4G1
Synonyms	EIF4G1; eukaryotic translation initiation factor 4 gamma, 1; EIF4F, EIF4G; eukaryotic translation initiation factor 4 gamma 1; p220; EIF4-gamma; eIF-4-gamma 1; eucaryotic translation initiation factor 4G; P220; EIF4F; EIF4G; EIF4GI; PARK18; EIF-4G1; DKFZp686A1451;
Gene ID	1981
mRNA Refseq	NM_001194946
Protein Refseq	NP_001181875
MIM	600495
UniProt ID	Q04637

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