

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

IEEYLHLNDMKEAVQCVQELASPSLLFIFVRHGVESTLERSAIAREHMGQLLHQLLCA
GHLSTAQYYQGLYEILELAEDMEIDIPHVWLYLAELVTPILQEGGVPMGELFREITKPL
RPLGKAASLLLEILGLLCKSMGPKKVGTLWREAGLSWKEFLPEGQDIGAFVAEQKVE
YTLGEESEAPGQRALPSEELNRQLEKLLKEGSSNQRVFDWIEANLSEQQIVSNTLVR
ALMTAVCYSIAIFETPLRVDVAVLKARAKLLQKYLCDQKELQALYALQALVVTLEQP
PNLLRMFFDALYDEDVVKEDAFYSWESSKDPAEQQGKGVALKSVTAFFKWLREAE
EESDHN

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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

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|------------------------|--|
| 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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