# Recombinant Human EIF3K protein, His&GST-tagged

**Cat. No.** EIF3K-2204H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human EIF3K protein(Q9UBQ5)(Ala2-Gln218), fused with His&GST tag, was expressed in Insect Cells. |
| **Species** | Human |
| **Source** | Insect Cells |
| **ProteinLength** | Ala2-Gln218 |
| **Form** | Lyophilized from sterile 20mM Tris, 500mM Nacl, 3mM DTT, pH 7.4, 10% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. |
| **Molecular Mass** | The secreted recombinant human EIF3K consists of 454 amino acids and predicts a molecular mass of 52.8 KDa. The apparent molecular mass of the protein is approximately 47 Kda in SDS-PAGE under reducing conditions due to glycosylation. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method |
| **Purity** | > 90 % as determined by SDS-PAGE |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | EIF3K eukaryotic translation initiation factor 3, subunit K [ Homo sapiens ] |
| **Official Symbol** | EIF3K |
| **Synonyms** | EIF3K; eukaryotic translation initiation factor 3, subunit K; EIF3S12, eukaryotic translation initiation factor 3, subunit 12; eukaryotic translation initiation factor 3 subunit K; ARG134; eIF3k; HSPC029; M9; PLAC 24; PRO1474; PTD001; eIF-3 p25; eIF-3 p28; muscle specific; muscle-specific gene M9 protein; eukaryotic translation initiation factor 3 subunit 12; eukaryotic translation initiation factor 3, subunit 12; PLAC24; EIF3S12; MSTP001; PLAC-24; EIF3-p28; |
| **Gene ID** | 27335 |
| **mRNA Refseq** | NM_013234 |
| **Protein Refseq** | NP_037366 |
| **MIM** | 609596 |
| **UniProt ID** | Q9UBQ5 |

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