

Recombinant Human EIF3K protein, His-GST-tagged

Cat. No. EIF3K-8658H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF3K protein(Q9UBQ5) (Ala2-Gln218) was expressed in Insect Cells, with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Human
Source	Insect Cells
ProteinLength	2-218 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, 3mM DTT, pH 7.4, 10% glycerol.
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	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
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.

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GENE INFORMATION

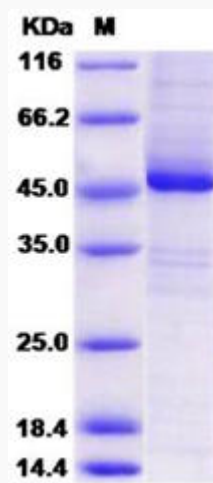
Gene Name	EIF3K eukaryotic translation initiation factor 3, subunit K [Homo sapiens]
Official Symbol	EIF3K
Synonyms	EIF3K; eukaryotic translation initiation factor 3, subunit K; EIF3S12, eukaryotic translation initiation factor 3, subunit 12; eukaryotic translation initiation factor 3 subunit K; ARG134; 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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SDS-PAGE



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