

Recombinant Human EIF2AK4 protein, GST-tagged

Cat. No. EIF2AK4-7854H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2AK4 protein(875-1080 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	875-1080 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
AA Sequence	AFSADSKQDDQTGDLIKSDPSGHLTGTMVGTALYVSPEVQGSTKSAYNQKVDLFLSLG IIFFEMSYHPMVTASERIFVLNQLRDPTSPKFPEDFDDGEHAKQKSVISWLLNHDPAK RPTATELLKSELLPPPQMEESSELHEVLHHTLTNVDGKAYRTMMAQIFSQRISPAIDYT YDSDILKGNFSIRTAKMQQHVCETIIRIFKRHGA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

GENE INFORMATION

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Official Symbol	EIF2AK4
Synonyms	EIF2AK4; eukaryotic translation initiation factor 2 alpha kinase 4; eukaryotic translation initiation factor 2-alpha kinase 4; GCN2; KIAA1338; GCN2-like protein; GCN2 eIF2alpha kinase;
Gene ID	440275
mRNA Refseq	NM_001013703
Protein Refseq	NP_001013725
MIM	609280
UniProt ID	Q9P2K8
SDS-PAGE	 ← 49 kDa