

Recombinant Human EIF2AK4 protein, His-tagged

Cat. No. EIF2AK4-3346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EIF2AK4 protein, fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
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. The elution buffer contain 300mM imidazole.
AA Sequence	AFSADSKQDDQTGDLIKSDPSGHLTGMVGTALYVSPEVQGSTKSAYNQKVDLFSLG IIFFEMSYHPMVTASERIFVLNQLRDPTSPKFPEDFDDGEHAKQKSVISWLLNHDPK RPTATELLKSELLPPPQMESELHEVLHHTLTNVDGKAYRTMMAQIFSQRISPAIDYT YDSDILKGNFSIRTAKMQQHVCETIIRIFKRHGA
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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GENE INFORMATION

Gene Name	EIF2AK4 eukaryotic translation initiation factor 2 alpha kinase 4 [Homo sapiens]
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

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