Active Recombinant Full Length Human EIF2AK4 Protein, GST-tagged

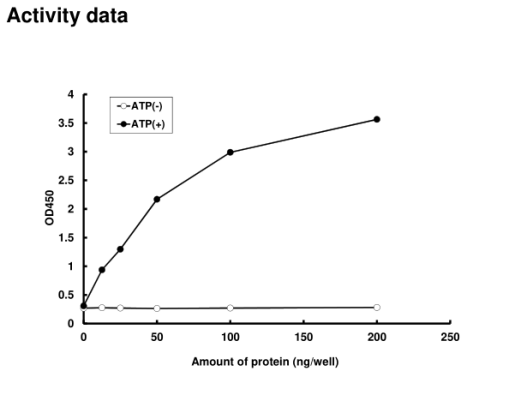
Cat. No. EIF2AK4-3747HF **Lot. No.** (See product label)

SPECIFICATION

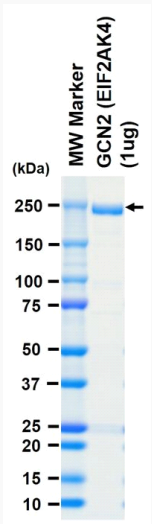
Product Overview	Full-length human GCN2 [1-1649(end) amino acids and E556G of accession number NP_001013725] was expressed as N-terminal GST-fusion protein (215 kDa) using baculovirus expression system. GST- GCN2 was purified by using glutathione sepharose chromatography.
Species	Human
Source	Sf21 Cells
ProteinLength	1-1649(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein and tRNA, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti- phospho antibody and HRP-labeled anti-rabbit IgG.
Purity	82%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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GENE INFORMATION

Gene Name	eukaryotic translation initiation factor 2 alpha kinase 4
Official Symbol	EIF2AK4
Synonyms	EIF2AK4;GCN2;PVOD2;KIAA1338
Protein Refseq	NP_001013725
UniProt ID	Q9P2K8
Activity data	 The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein and tRNA, and after stopping kinase reaction by EDTA, the reaction solution was transferred into glutathione-coated plate. Phosphorylation was detected by anti- phospho antibody and HRP-labeled anti-rabbit IgG.

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SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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