Active Recombinant Full Length Human EIF2AK1 Protein, GST-tagged

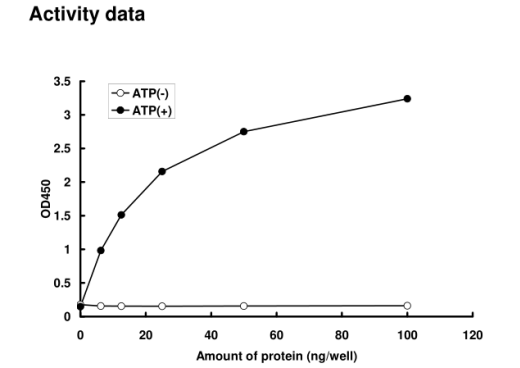
Cat. No. EIF2AK1-6862HF **Lot. No.** (See product label)

SPECIFICATION

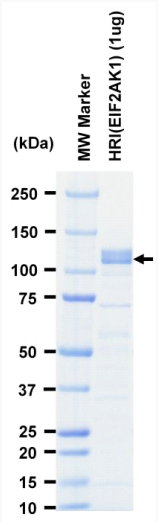
Product Overview	Full-length human HRI [1-630(end) amino acids of accession number BAC11461.1] was expressed as N- terminal GST-fusion protein (98 kDa) using E.coli expression system. GST-HRI was purified by using glutathione sepharose chromatography.
Species	Human
Source	E.coli
ProteinLength	1-630(end)
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 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	71%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

GENE INFORMATION

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Gene Name	eukaryotic translation initiation factor 2-alpha kinase 1
Official Symbol	EIF2AK1
Synonyms	EIF2AK1;HCR;HRI;KIAA1369
Protein Refseq	BAC11461.1
UniProt ID	Q9BQI3
Activity data	 The activity was determined by ELISA. The enzyme was incubated with GST-fused substrate protein, 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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