Active Recombinant Full Length Human EIF2S1 Protein, GST-tagged

Cat. No. EIF2S1-4949HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Full-length human EIF2S1 [1-315(end) amino acids of accession number NP_004085.1] was expressed as N-terminal GST-fusion protein (63 kDa) using E.coli expression system. GST-EIF2S1 was purified by using glutathione sepharose chromatography and gel filtration chromatography.
Species	Human
Source	E.coli
ProteinLength	1-315(end)
Form	50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5
Bio-activity	The phosphorylational ability of the protein was determined by ELISA. The substrate protein was incubated with the indicated enzyme, 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 (or HRP-labeled anti-mouse IgG).
Purity	95%
Applications	SDS-PAGE
Storage	Store at -80C. Avoid repeating freeze-thaws.

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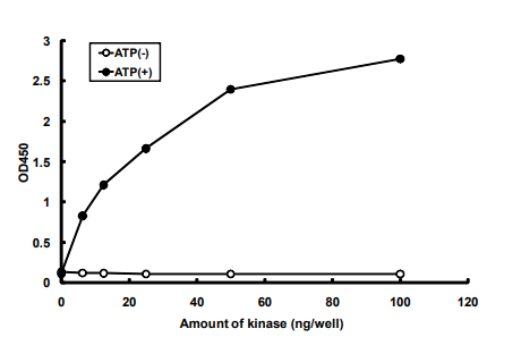
GENE INFORMATION

Gene Name	eukaryotic translation initiation factor 2, subunit 1 alpha, 35kDa
Official Symbol	EIF2S1
Synonyms	EIF-2alpha; EIF2A
Protein Refseq	NP_004085.1
UniProt ID	P05198
Activity data	 The phosphorylational ability of the protein was determined by ELISA. The substrate protein was incubated with the indicated enzyme, 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 (or HRP-labeled anti-mouse IgG).

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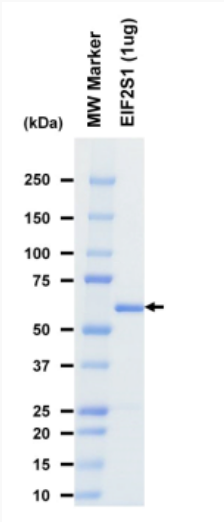
SDS-PAGE	 The purity was assessed by SDS-PAGE/CBB staining.

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