

Recombinant Rat Eif2ak2 protein, His & T7-tagged

Cat. No. Eif2ak2-2728R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Eif2ak2 aa. (Gln279~Glu506 (Accession # Q63184)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gln279~Glu506
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

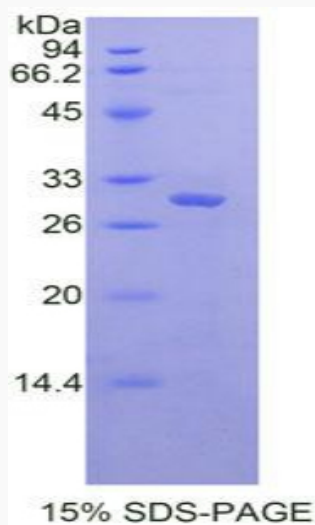
Gene Name	Eif2ak2 eukaryotic translation initiation factor 2-alpha kinase 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Eif2ak2
Synonyms	Pkr; Prkr; Protein kinase, interferon-inducible double stranded RNA dependent; eIF-2A protein kinase 2; interferon-inducible RNA-dependent protein kinase; protein kinase R; protein kinase RNA-activated; tyrosine-protein kinase EIF2AK2; interferon-induced, double-stranded RNA-activated protein kinase
Gene ID	54287
mRNA Refseq	NM_019335.1
Protein Refseq	NP_062208.1
UniProt ID	Q63184

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SDS-PAGE



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