

Recombinant Rat Hk1 protein, His & GST-tagged

Cat. No. Hk1-7658R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Hk1 aa. (Asp413~Val540 (Accession # P05708)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asp413~Val540
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 46.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 7.7.
Applications	Reconstitute in sterile PBS, pH7.2-pH7.4.
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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

Gene Name	Hk1 hexokinase 1 [Rattus norvegicus (Norway rat)]
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Official Symbol	Hk1
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Synonyms	HKI; HEXOKIN; HK I; brain form hexokinase; hexokinase type I; hexokinase-1
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Gene ID	25058
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mRNA Refseq	NM_012734.1
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Protein Refseq	NP_036866.1
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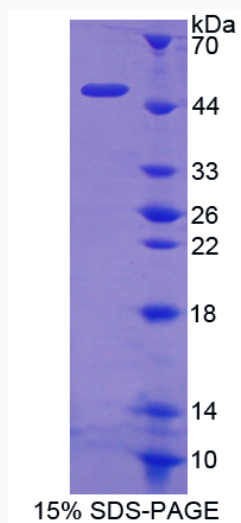
UniProt ID	P05708
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