

## Recombinant Mouse Hk1 protein, His-tagged

Cat. No. Hk1-7654M Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Mouse Hk1 aa. (Phe137~Leu270 (Accession # P17710)) fused with N-terminal His tag was produced in E. coli cells.

**Species** Mouse

**Source** E.coli

**ProteinLength** Phe137~Leu270

**Form** Freeze-dried powder

**Molecular Mass** 16 kDa as determined by SDS-PAGE reducing conditions.

**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.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as liquid form in Phosphate buffered saline(PBS), pH 7.4.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

<b>Gene Name</b>	Hk1 hexokinase 1 [ <i>Mus musculus</i> (house mouse) ]
<b>Official Symbol</b>	Hk1
<b>Synonyms</b>	dea; Hk-1; Hk1-s; mHk1-s; BB404130; HK I; downeast anemia; hexokinase type I; hexokinase, tumor isozyme; hexokinase-1
<b>Gene ID</b>	15275
<b>mRNA Refseq</b>	NM_001146100.1
<b>Protein Refseq</b>	NP_001139572.1
<b>UniProt ID</b>	P17710

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