

Recombinant Mouse Hk1 protein, His-tagged

Cat. No. Hk1-7655M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hk1 aa. (Ala530~Gly675 (Accession # P17710)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Ala530~Gly675
Form	Freeze-dried powder
Molecular Mass	17 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 5.9.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

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

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