

Recombinant Mouse Gck protein, His & T7-tagged

Cat. No. Gck-748M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gck aa. (Asp3~Val226 (Accession # P52792)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp3~Val226
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 29.2kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.3.
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% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

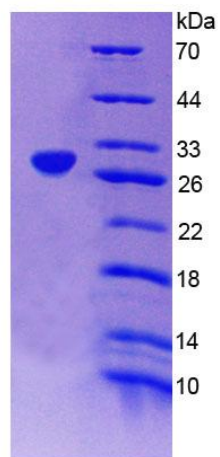
Gene Name	Gck glucokinase [Mus musculus (house mouse)]
Official Symbol	Gck
Synonyms	Gk; GLK; HK4; HKIV; HXKP; Hlb62; MODY2; Gls006; HK IV; hexokinase type IV; hexokinase-4; hexokinase-D; glucokinase
Gene ID	103988
mRNA Refseq	NM_001287386.1
Protein Refseq	NP_001274315.1
UniProt ID	P52792

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SDS-PAGE



15% SDS-PAGE

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