

Recombinant Mouse H6pd protein, His & T7-tagged

Cat. No. H6pd-711M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse H6pd aa. (Asp258~Asp350) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Asp258~Asp350
Form	Freeze-dried powder
Molecular Mass	17kDa as determined by SDS-PAGE reducing conditions
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 4.3.
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

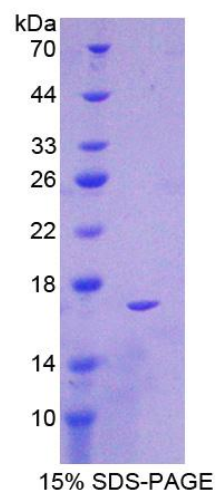
Gene Name	H6pd hexose-6-phosphate dehydrogenase (glucose 1-dehydrogenase) [Mus musculus (house mouse)]
Official Symbol	H6pd
Synonyms	Gpd1; G6pd1; Gpd-1; AI785303; glucose 1-dehydrogenase; glucose-6-phosphate dehydrogenase 1; GDH/6PGL endoplasmic bifunctional protein
Gene ID	100198
mRNA Refseq	NM_001291004.1
Protein Refseq	NP_001277933.1
UniProt ID	Q8CFX1

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SDS-PAGE



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