Recombinant Mouse Hpgds protein, His & T7-tagged

Cat. No. Hpgds-1735M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Hpgds aa. (Met1~Leu199 (Accession # Q9JHF7)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Leu199
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 26.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the

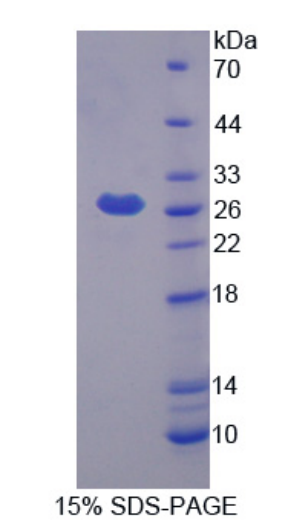
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	Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage 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	Hpgds hematopoietic prostaglandin D synthase [Mus musculus (house mouse)]
Official Symbol	Hpgds
Synonyms	Hpgds; hematopoietic prostaglandin D synthase; H-PGDS; Ptgds2; hematopoietic prostaglandin D synthase; GST class-sigma; glutathione S-transferase; glutathione-dependent PGD synthase; glutathione-dependent PGD synthetase; glutathione-requiring prostaglandin D synthase; prostaglandin D2 synthase 2, hematopoietic; prostaglandin-H2 D-isomerase
Gene ID	54486
mRNA Refseq	NM_019455.4
Protein Refseq	NP_062328.3
UniProt ID	Q9JHF7

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SDS-PAGE	 15% SDS-PAGE

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