

Recombinant Human PGM5 Protein, His-tagged

Cat. No. PGM5-318H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PGM5(Leu182~Gly296) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Leu182~Gly296
Description	Phosphoglucomutases (EC 5.2.2.2.), such as PGM5, are phosphotransferases involved in interconversion of glucose-1-phosphate and glucose-6-phosphate. PGM activity is essential in formation of carbohydrates from glucose-6-phosphate and in formation of glucose-6-phosphate from galactose and glycogen (Edwards et al., 1995 [PubMed 8586438]).
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	14.1kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.

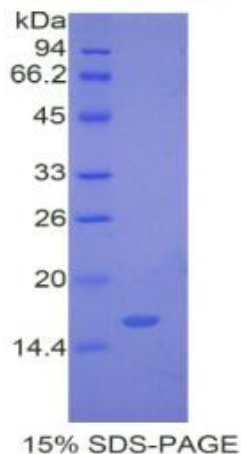
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.
GENE INFORMATION	
Gene Name	PGM5 phosphoglucomutase 5 [Homo sapiens]
Official Symbol	PGM5
Synonyms	PGM5; phosphoglucomutase 5; phosphoglucomutase-like protein 5; PGMRP; phosphoglucomutase related protein; PGM-RP; aciculin; phosphoglucomutase-related protein;
Gene ID	5239
mRNA Refseq	NM_021965
Protein Refseq	NP_068800
MIM	600981
UniProt ID	Q15124

Human PGM5



15% SDS-PAGE

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