

Recombinant Human PGM5 cell lysate

Cat. No. PGM5-1340HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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]).
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

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;

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Gene ID	5239
mRNA Refseq	NM_021965
Protein Refseq	NP_068800
MIM	600981
UniProt ID	Q15124
Chromosome Location	9q13
Function	magnesium ion binding; NOT phosphoglucomutase activity; structural molecule activity;

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