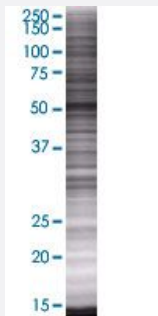


PGM5 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005239-T01

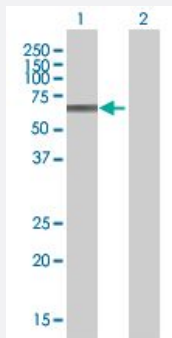
Size 100 uL

Applications



SDS-PAGE Gel

PGM5 transfected lysate.



Western Blot

Lane 1: PGM5 transfected lysate (55.77 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-PGM5 full-length
Host	Human
Theoretical MW (kDa)	55.77
Interspecies Antigen Sequence	Mouse (97); Rat (98)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-PGM5 antibody ([H00005239-B01](#)) by Western Blots.
SDS-PAGE Gel
PGM5 transfected lysate.
Western Blot
Lane 1: PGM5 transfected lysate (55.77 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — PGM5

Entrez GeneID[5239](#)**GeneBank Accession#**[NM_021965.3](#)**Protein Accession#**[ENSP00000366540](#)**Gene Name**

PGM5

Gene Alias

PGMRP

Gene Description

phosphoglucomutase 5

Omim ID[600981](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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]).[supplied by OMIM]

Other Designations

OTTHUMP00000021418|phosphoglucomutase-related protein