Human PGAM1 Knockdown Cell Lysate

Cat. No. PGAM1-270HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated PGAM1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is a mutase that catalyzes the reversible reaction of 3-phosphoglycerate (3-PGA) to 2-phosphoglycerate (2-PGA) in the glycolytic pathway. Two transcript variants encoding different isoforms have been found for this gene.
Form	Cell-Tissue Lysis buffer
Molecular Mass	29 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg PGAM1 KD HeLa cell lysate
Protein Pathways	Glycolysis / Gluconeogenesis, Metabolic pathways
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	PGAM1 phosphoglycerate mutase 1 (brain) [Homo sapiens (human)]
Official Symbol	PGAM1
Synonyms	PGAM1; phosphoglycerate mutase 1 (brain); PGAMA; phosphoglycerate mutase 1; PGAM B; Phosphoglycerate mutase A; nonmuscle form; BPG-dependent PGAM 1; phosphoglycerate mutase isozyme B; phosphoglycerate mutase A, nonmuscle form; PGAM-B;
Gene ID	5223
mRNA Refseq	NM_002629
Protein Refseq	NP_002620
MIM	172250
UniProt ID	P18669

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