

PGD recombinant protein

Recombinant Human PGD Protein

CATALOG # AAA263253	HOST Human cells	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

PGD; Recombinant Human PGD Protein; PGDH; 6-phosphogluconate dehydrogenase; decarboxylating; PGD recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 µM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Sequence	MAQADIALIG LAVMGQNLIL NMNDHGFVVC AFNRTVSKVD DFLANEAKGT KVVGAQSLKE MVSCLKKPRR IILLVKAGQA VDDFIEKLVP LLDTGDIID GGNSEYRDTT RRCRDLKAG ILFVGSGVSG GEEGARYGPS LMPGGNKEAW PHIKTIFQGI AAKVGTGEPC CDWVGDEGAG HFVKMVHNGI EYGDMQLICE AYHLMKDVLG MAQDEMAQAF EDWNKTELDs FLIEITANIL KFQDTDGKHL LPKIRDSAGQ KGTGKWTAIS ALEYGVPVTL IGEAVFARCL SSLKDERIQA SKKLKGPQKF QFDGDKKSFL EDIRKALYAS KIISYAQGFM LLRQAATEFG WTLNYGGIAL MWRGGCIIRS VFLGKIKDAF DRNPELQNL LDDFFKSAVE NCQDSWRRAV STGVQAGIPM PCFTTALSFY DGYRHEMLPA SLIQAQRDYF GAHTYELLAk PGQFIHTNWT GHGGTVSSSS YNAVDHHHHH H
Sequence Length	461
Applicable Applications for PGD recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Preparation and Storage	Store it at -20°C to 80°C for up to one year.

ADDITIONAL INFORMATION

Related Product Information for PGD recombinant protein	Recombinant Human PGD Protein is produced by our mammalian expression system and the target gene encoding Met1-Ala483 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	751130505
NCBI GeneID	5226
NCBI Accession #	NP_001291380.1
NCBI GenBank Nucleotide #	NM_001304451.1
UniProt Accession #	P52209 ; Q9BWD8 ; A8K2Y9 ; B4DQJ8
NCBI Official Full Name	6-phosphogluconate dehydrogenase, decarboxylating isoform 2
NCBI Official Synonym Full Names	phosphogluconate dehydrogenase

NCBI Official Symbol	PGD
NCBI Official Synonym Symbols	6PGD
NCBI Protein Information	6-phosphogluconate dehydrogenase, decarboxylating
UniProt Protein Name	6-phosphogluconate dehydrogenase, decarboxylating
UniProt Gene Name	PGD
UniProt Synonym Gene Names	PGDH
UniProt Entry Name	6PGD_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pgd-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263253>