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Datasheet for ABIN4371046
PGD Protein (AA 1-483) (His tag)

Overview

Quantity:	50 µg
Target:	PGD
Protein Characteristics:	AA 1-483
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGD protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human 6-Phosphogluconate Dehydrogenase, Decarboxylating/PGD (C-6His)
Sequence:	MAQADIALIG LAVMGQNLIL NMNDHGFVVC AFNRTVSKVD DFLANEAKGT KVVGAQSLKE MVSKLKKPRR IILLVKAGQA VDDFIEKLV LLDTGDIID GGNSEYRDTT RRCRDLKAKG ILFVGSGVSG GEEGARYGPS LMPGGNKEAW PHIKTIFQGI AAKVGTGEPD CDWVGDEGAG HFVKMVHNGI EYGDMLICE AYHLMKDVLG MAQDEMAQAF EDWNKTELDS FLIEITANIL KFQDTDGKHL LPKIRDSAGQ KGTGKWTAS ALEYGVPVTL IGEAVFARCL SSLKDERIQA SKKLGKPKF QFDGDKSFL EDIRKALYAS KIISYAQGM LLRQAATEFG WTLNYGGIAL MWRGGCIIRS VFLGKIKDAF DRNPELQNL LDDFFKSAVE NCQDSWRRRAV STGVQAGIPM PCFTTALSFY DGYRHEMLPA SLIQAQRDYF GAHTYELLAK PGQFIHTNWT GHGGTVSSSS YNAVDHHHHH H
Characteristics:	Recombinant Human 6-Phosphogluconate Dehydrogenase, Decarboxylating/PGD (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.

Product Details

Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	PGD
Alternative Name:	6-Phosphogluconate Dehydrogenase, Decarboxylating (PGD Products)
Molecular Weight:	54.2 kDa
UniProt:	P52209

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months