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Datasheet for ABIN5623706

**PGD Protein (AA 1-483) (His tag)**

## Overview

Quantity:	20 µg
Target:	PGD
Protein Characteristics:	AA 1-483
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PGD protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

## Product Details

Sequence:	1-483 aa: MGSSHHHHHH SSSLVPRGSH MAQADIALIG LAVMGQNLIL NMNDHGFVVC AFNRTVSKVD DFLANEAKGT KVVGAQSLKE MVSKLKKPRR IILLVKAGQA VDDFIEKLVP LLDTGDIID GGNSEYRDTT RRCRDLKAKG ILFVGSVSG GEEGARYGPS LMPGGNKEAW PHIKTIFQGI AAKVGTGEPG CDWVGDEGAG HFVKMVHNGI EYGDMQLICE AYHLMKDVLG MAQDEMAQAF EDWNKTELDS FLIEITANIL KFQDTDGKHL LPKIRDSAGQ KGTGKWTAS ALEYGVPTL IGEAVFARCL SSLKDERIQA SKKLGPKQF QFDGDKKSFL EDIRKALYAS KIISYAQGM LLRQAATEFG WTLNYGGIAL MWRGGCIIRS VFLGKIKDAF DRNPELQNL LDDFFKSAVE NCQDSWRRRAV STGVQAGIPM PCFTTALSFY DGYRHEMLPA SLIQAQRDYF GAHTYELLA PGQFIHTNWT GHGGTVSSSS YNA
Characteristics:	Purified Recombinant PGD protein (His tagged)

## Product Details

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Purification:	Purified
Purity:	> 90 % pure
Biological Activity Comment:	Specific activity is > 10 units/mg, in which one unit oxidize 1.0 umole of 6-phospho-D-gluconate to D-ribulose 5-phosphate per minute at pH 8.0 at 25C, in the presence of $\beta$ -NADP.

## Target Details

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Target:	PGD
Alternative Name:	PGD ( <a href="#">PGD Products</a> )

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

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Format:	Liquid
Buffer:	Supplied in liquid form in 20 mM Tris-HCl buffer ( pH 8.0) containing 1 mM DTT, 0.1M NaCl, 10 % glycerol
Storage:	4 °C/-20 °C
Storage Comment:	Store at 4 deg C short term (1-2 weeks). For long term storage, aliquot and store at -20 or -70 deg C. Avoid repeated freezing and thawing cycles.