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Datasheet for ABIN7505267
PGD Protein (AA 1-483) (His tag)

Overview

Quantity:	100 µg
Target:	PGD
Protein Characteristics:	AA 1-483
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PGD protein is labelled with His tag.

Product Details

Sequence:	Met 1-Ala 483
Characteristics:	A DNA sequence encoding the Human PGD protein (P52209) (Met 1-Ala 483) was expressed with a N-His&C-His.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	PGD
Alternative Name:	PGD (PGD Products)
Background:	Background: 6-phosphogluconate dehydrogenase(PGD) is a cytoplasm-located protein, and belongs to the 6-phosphogluconate dehydrogenase family. 6PGD is the second dehydrogenase in the pentose phosphate shunt. It catalyzes the oxidative decarboxylation of 6-phosphogluco Synonym: 6-phosphogluconate dehydrogenase, Decarboxylating,PGD,PGDH,6PGD

Target Details

Molecular Weight: 53.02 kDa

UniProt: [P52209](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months