

Datasheet for ABIN7505067

Glucose-6-Phosphate Dehydrogenase Protein (G6PD) (AA 1-515) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Protein Characteristics:	AA 1-515
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glucose-6-Phosphate Dehydrogenase protein is labelled with His tag.

Product Details

Sequence:	Met 1-Leu 515
Characteristics:	A DNA sequence encoding the Human G6PD protein (P11413) (Met 1-Leu 515) was expressed with a N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

Target Details

Target:	Glucose-6-Phosphate Dehydrogenase (G6PD)
Alternative Name:	G6PD (G6PD Products)
Background:	<p>Background: Glucose-6-Phosphate 1-Dehydrogenase (G6PD) is a cytosolic enzyme that belongs to the glucose-6-phosphate dehydrogenase family. G6PD participates in the pentose phosphate pathway that supplies reducing energy to cells by maintaining the level of the co-enz</p> <p>Synonym: Glucose-6-Phosphate 1-Dehydrogenase, G6PD</p>

Target Details

Molecular Weight:	56.54 kDa
UniProt:	P11413
Pathways:	Regulation of Systemic Arterial Blood Pressure by Hormones

Application Details

Restrictions:	For Research Use only
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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