

Glucose-6-phosphate Dehydrogenase (G6PD) Recombinant Protein | G6PD recombinant protein

Recombinant Glucose-6-phosphate Dehydrogenase (G6PD)

CATALOG # AAA152206	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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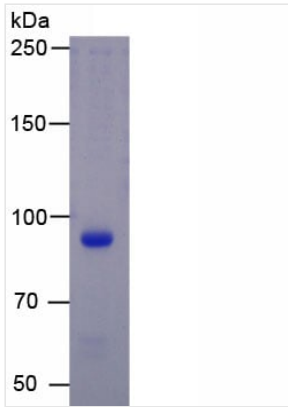
PRODUCT SYNONYMS

Glucose-6-phosphate Dehydrogenase (G6PD); Recombinant Glucose-6-phosphate Dehydrogenase (G6PD); G6PD/Glucose-6-phosphate Dehydrogenase; Glucose-6-phosphate 1-dehydrogenase; G6PD recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Met1~Leu515
Applicable Applications for G6PD recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	6.5
Tag	N-terminal His and GST Tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0mg/mL. Do not vortex.
Subcellular Location	Secreted
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



MAEQVALSRT QVCGILREEL FQGDAFHQSD THIFIIMGAS GDLAKKKIYP TIWWLFRDGL
LPENTFIVGY ARSRLTVADI RKQSEFFKA TPEEKLKLED FFARNSYVAG QYDDAASYQR
LNSHMNALHL GSQANRLFYL ALPPTYVEAV TKNIHESCMS QIGWNRIVE KPFGRLQSS
DRLSNHISL FREDIYRID HYLKEMVQN LMVLRANRI FGPIWNRDNI ACVILTFKEP
FGTEGRGGYF DEFGIIRDVM QNHLLQMLCL VAMEKPASTN SDDVRDEKVK VLKCISEVQA
NNVVLGGYVG NPDGEGEATK GYLDPTVPR GSTTATFAAV VLYVENERWD GVPFILRCGK
ALNERKAEVR LQFHDVAGDI FHQQCKRNL VIRVQNEAV YTKMMTKPG MFFNPEESEL
DLTYGNRYKN VKLPDAYERL ILDVFCGSQM HFVRSDELRE AWRIFTPLH QIELEKPKPI
PYIYSGRGPT EADELMKRVG FQYEGTYKVV NPHKL

Sequence

SDS-PAGE
SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for G6PD recombinant protein	Metabolic pathway; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1203978
NCBI GeneID	2539
UniProt Accession #	P11413; Q16000; Q16765; Q8IU70; Q8IU88; Q8IUA6; Q96PQ2; D3DWX9
Molecular Weight	59,257 Da
NCBI Official Full Name	G6PD
NCBI Official Synonym Full Names	glucose-6-phosphate dehydrogenase
NCBI Official Symbol	G6PD
NCBI Official Synonym Symbols	G6PD1
NCBI Protein Information	glucose-6-phosphate 1-dehydrogenase; glucose-6-phosphate dehydrogenase, G6PD
UniProt Protein Name	Glucose-6-phosphate 1-dehydrogenase
UniProt Gene Name	G6PD
UniProt Synonym Gene Names	G6PD
UniProt Entry Name	G6PD_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/g6pd-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/152206>