

Glucose-6-Phosphatase, Catalytic (G6PC) Recombinant Protein | G6PC recombinant protein

Recombinant Glucose-6-Phosphatase, Catalytic (G6PC)

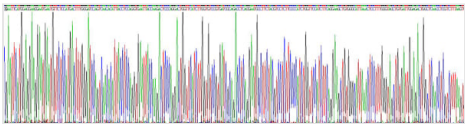
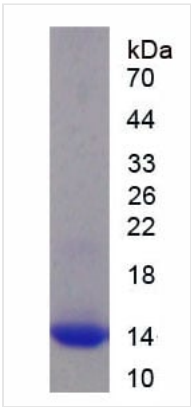
CATALOG # AAA152277	HOST E Coli	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Glucose-6-Phosphatase; Catalytic (G6PC); Recombinant Glucose-6-Phosphatase; G6PC/Glucose-6-Phosphatase; Catalytic; G6PT; GSD1a; Glycogen Storage Disease Type I; von Gierke Disease; Glucose-6-phosphatase alpha; G6PC recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. Freeze-dried powder
Sequence	Asn276~Leu 357
Applicable Applications for G6PC recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Expression System	Prokaryotic expression
Species	Human
Isoelectric Point	9.6
Tag	N-terminal His 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.



Gene Sequence
Gene Sequencing (extract)

SDS-PAGE
SDS-PAGE

NSSHYRESCKGKLSKILPFRLLSSIVASLVLLHVFDSLKPPSQVELVFYVLSFCKSAVWPLASVSVTPYCLAQVLQPHKSL

Sequence

ADDITIONAL INFORMATION

Product Categories/Family for G6PC recombinant protein	Enzyme & Kinase; Prokaryotic Recombinant proteins/RP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	206729864
NCBI GeneID	2538
UniProt Accession #	P35575; A1L4C0; B4E1C3; K7EL82
Molecular Weight	40,484 Da
NCBI Official Full Name	Glucose-6-phosphatase
NCBI Official Synonym Full Names	glucose-6-phosphatase, catalytic subunit
NCBI Official Symbol	G6PC
NCBI Official Synonym Symbols	G6PT; GSD1; G6PC1; GSD1a
NCBI Protein Information	glucose-6-phosphatase; G6Pase; G-6-Pase; G6Pase-alpha; glucose-6-phosphatase alpha
UniProt Protein Name	Glucose-6-phosphatase
UniProt Gene Name	G6PC
UniProt Synonym Gene Names	G6PT; G-6-Pase; G6Pase
UniProt Entry Name	G6PC_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.