Certificate of Analysis & Data Sheet

Catalog Number: 230-01100

RayBiotech
Empowering your proteomics

Recombinant Human Glucose-6-phosphate isomerase (GPI) Protein

Source

Species	Human
Accession Number	P06744
Gene Symbol	GPI
Expressed Region	Ala2-Gln558
Synonyms	Glucose-6-phosphate isomerase, Autocrine Motility Factor, Phosphoglucose Isomerase, Phosphohexose Isomerase, Neuroleukin, EC 5.3.1.9, SA-36, PGI, AMF, NLK, PHI, Hexose Monophosphate Isomerase.

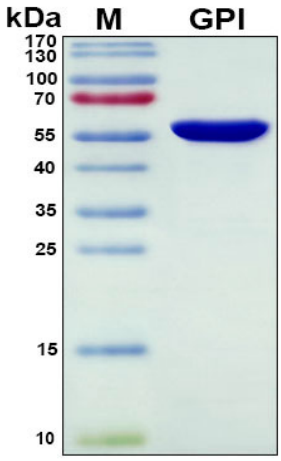
Preparation

Expression System	Escherichia coli (E.coli)
Tag	N-terminal His-tag
Purification	His-tag affinity purification by immobilized metal ion affinity chromatography (IMAC)
Purity	>95%
Purity Determined By	SDS-PAGE under reducing conditions and visualized by Coomassie blue staining
Molecular Weight	63

Protein Specifications

Format	Lyophilized powder
Formulation	Lyophilized from a 0.2 um filtered solution in PBS (pH 7.4)
Concentration	Determined by Bradford protein assay
Recommended Applications	Functional Assay, Protein-protein Interaction, Post-translational Modifications, ELISA, EIA, Western Blotting, Dot Blotting, Immunoprecipitation, Protein Array, etc.
Reconstitution	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.1-1 mg/mL with sterile deionized water.

SDS-PAGE Image



Shipping

Ice packs

Storage/Stability

Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C. For long term storage, it is recommended to store desiccated below -20 °C in a manual defrost freezer. Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20 °C. For long term storage, it is recommended to make appropriate aliquots and store at -80 °C. Avoid repeated freeze-thaw cycles.