

Glucose 6 Phosphate Isomerase (GPI) Recombinant Protein | GPI recombinant protein

Recombinant Glucose 6 Phosphate Isomerase (GPI)

CATALOG # AAA133918	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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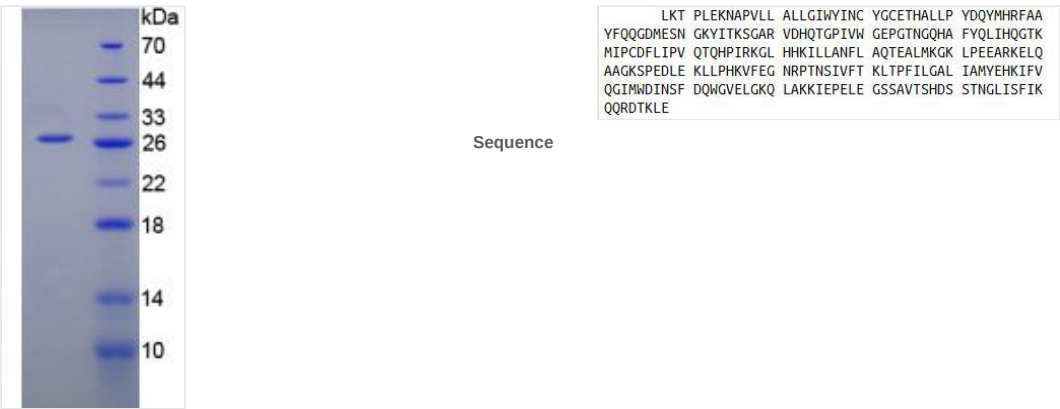
PRODUCT SYNONYMS

Glucose 6 Phosphate Isomerase (GPI); Recombinant Glucose 6 Phosphate Isomerase (GPI); GPI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandT7-ta g,itsseque nceisliste dbelow. MGSSHHHHH HSSGLVPRGS HMASMTGGQQ MGRGSEF-LK TPLEKNAPVL LALLGIWYIN CYGCETHALL PYDQYMHRFA AYFQQGDMS NGKYITKSGA RVDHQTGPV WGEPTNGQH AFYQLIHQGT KMIPCDFLIP VQTQHPIRKG LHHKILLANF LAQTEALMKG KLPEEARKEL QAAGKSPEDL EKLLPHKVFE GNRPTNSIVF TKLTPFILGA LIAMYEKIF VQGIMWDINS FDQWGVLELK QLAKKIEPEL EGSSAVTSHD SSTNGLISFI KQQRDTKLE
Sequence Length	558
Applicable Applications for GPI recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Leu308~Glu558 (Accession # P06745) with two N-terminal Tags, His-tag and T7-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

IMAGES



NCBI AND UNIPROT INFORMATION

NCBI GI #	254553458
NCBI GeneID	14751
NCBI Accession #	NP_032181.2
NCBI GenBank Nucleotide #	NM_008155.4
UniProt Accession #	P06745; O89062; Q3TEE7; Q3TW50; Q3UUX1; Q3UY84; Q3UZJ1; Q5RJJ3; Q8C675; Q9JM07
Molecular Weight	31.6kDa
NCBI Official Full Name	glucose-6-phosphate isomerase
NCBI Official Synonym Full Names	glucose phosphate isomerase 1
NCBI Official Symbol	Gpi1
NCBI Official Synonym Symbols	MF; NK; Amf; Gpi; Nlk; Org; Pgi; Phi; Gpi-1; Gpi1s; Gpi-1r; Gpi-1s; Gpi-1t; Gpi1-r; Gpi1-s; Gpi1-t; NK/GPI
NCBI Protein Information	glucose-6-phosphate isomerase; neuroleukin; maturation factor; phosphohexose isomerase; phosphoglucose isomerase; autocrine motility factor; glucose phosphate isomerase 1 complex; glucose phosphate isomerase 1, temporal; glucose phosphate isomerase 1, regulatory; glucose phosphate isomerase 1, structural
UniProt Protein Name	Glucose-6-phosphate isomerase
UniProt Gene Name	Gpi
UniProt Synonym Gene Names	Gpi1; GPI; AMF; NLK; PGI; PHI
UniProt Entry Name	G6PI_MOUSE

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/gpi-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/133918>