

Glucose-6-phosphate isomerase Recombinant Protein | GPI recombinant protein

Recombinant Human Glucose-6-phosphate isomerase

CATALOG # AAA15945	HOST E Coli
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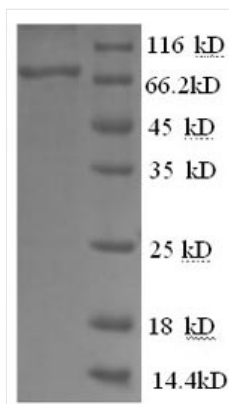
PRODUCT SYNONYMS

Glucose-6-phosphate isomerase; Recombinant Human Glucose-6-phosphate isomerase; Autocrine motility factor; AMF; Neuroleukin; NLK; Phosphoglucose isomerase; PGI; Phosphohexose isomerase; PHI; Sperm antigen 36; SA-36; GPI recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Liquid containing glycerol
Sequence Positions	2-554aa; Partial
Sequence	AALTRDPQFQ KLQQWYREHR SELNLRRLFD ANKDRFNHFS LTLNTNHGHI LVDYSKNLVT EDVMRMLVDL AKSRGVEAAR ERMFNGEKIN YTEGRAVLHV ALNRNSNTPI LVDGKDVMP E VNKVLDKMKS FCQVRVSGDW KGYTGKTITD VINIGIGGSD LGPLMVTEAL KPYSSGGPRV WYVSNIDGTH IAKTLAQLNP ESSLFIASK TFFTQETITN AETAKEWFLQ AAKDPSAVAK HFVALSTNTT KVKEFGIDPQ NMFEFWDWVG GRYSLWSAIG LSIALHVGFD NFEQLLSGAH WMDQHFRTPP LEKNAPVLLA LLGIWYINCF GCETHAMLPY DQYLHRFAAY FQQGDMESNG KYITKSGTRV DHQTGPVWVG EPGTNGQHAF YQLIHQGTKM IPCDFLIPVQ TQHPIRKGLH HKILLANFLA QTEALMRGKS TEEARKELQA AGKSPEDLER LLPHKVFEGN RPTNSIVFTK LTPFMLGALV AMYEHKIFVQ GIIWDINSFD QWGVELGKQL AKKIEPELDG SAQVTSHDAS TNGLINFIKQ QRE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for GPI recombinant protein	Besides it's role as a glycolytic enzyme, mammalian GPI can function as a tumor-secreted cytokine and an angiogenic factor (AMF) that stimulates endothelial cell motility. GPI is also a neurotrophic factor (Neuroleukin) for spinal and sensory neurons.
Product Categories/Family for GPI recombinant protein	Signal Transduction

References

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NCBI AND UNIPROT INFORMATION

NCBI GI #	18201905
NCBI GeneID	2821
NCBI Accession #	NP_000166.2
NCBI GenBank Nucleotide #	NM_000175.3
UniProt Accession #	P06744; Q9BRD3; Q9BSK5; Q9UHE6; B4DG39
Molecular Weight	66.6 kDa
NCBI Official Full Name	glucose-6-phosphate isomerase isoform 2
NCBI Official Synonym Full Names	glucose-6-phosphate isomerase
NCBI Official Symbol	GPI
NCBI Official Synonym Symbols	AMF; NLK; PGI; PHI; GNPI; SA36; SA-36
NCBI Protein Information	glucose-6-phosphate isomerase
UniProt Protein Name	Glucose-6-phosphate isomerase
UniProt Gene Name	GPI
UniProt Synonym Gene Names	GPI; AMF; NLK; PGI; PHI; SA-36
UniProt Entry Name	G6PI_HUMAN

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AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
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