

Glucose-6-phosphate isomerase (Gpi) Recombinant Protein | Gpi recombinant protein

Recombinant Mouse Glucose-6-phosphate isomerase (Gpi)

CATALOG # AAA309813	HOST E Coli	REACTIVITY Mouse
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PRODUCT SYNONYMS

Glucose-6-phosphate isomerase (Gpi); Recombinant Mouse Glucose-6-phosphate isomerase (Gpi); Autocrine motility factor; Gpi recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Reactivity	Mouse
Purity/Purification	Greater than 90% as determined by SDS-PAGE.
Form/Format	Tris-based buffer, 50% glycerol
Sequence Positions	Full Length, 2-558aa
Tag Info	N-terminal 6xHis-B2M-tagged
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C.

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.
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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 ; Q5RJ13 ; Q8C675 ; Q9JM07
Molecular Weight	78.83 kDa
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
UniProt Protein Name	Glucose-6-phosphate isomerase

UniProt Gene Name	Gpi
UniProt Synonym Gene Names	Gpi1; GPI; AMF; NLK; PGI; PHI

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://www.aaabiotech.com/gpi-recombinant-protein-e-coli/309813>