Recombinant Mouse GPI1 Protein (2-558 aa), His-tagged

Cat. No. GPI1-1404M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse GPI1 Protein (2-558 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	2-558 aa
Description	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.
Form	Tris-based buffer,50% glycerol
Molecular Mass	64.6 kDa
AA Sequence	AALTRNPQFQKLLEWHRANSANLKLRELFEADPERFNNFSLNLNTNHGHILVDYSKN LVNKEVMQMLVELAKSRGVEAARDNMFSGSKINYTENRAVLHVALRNRSNTPIKVD GKDVMPEVNRVLDKMKSFCQRVRSGDWKGYTGKSITDIINIGIGGSDLGPLMVTEAL KPYSKGGPRVWFVSNIDGTHIAKTLASLSPETSLFIIASKTFTTQETITNAETAKEWFL EAAKDPSAVAKHFVALSTNTAKVKEFGIDPQNMFEFWDWVGGRYSLWSAIGLSIAL HVGFDHFEQLLSGAHWMDQHFLKTPLEKNAPVLLALLGIWYINCYGCETHALLPYDQ

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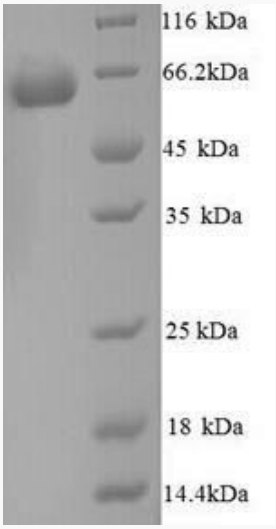
	YMHRFAAYFQQGDMESNGKYITKSGARVDHQTGPIVWGEPGTNGQHAFYQLIHQG TKMIPCDFLIPVQTQHPIRKGLHHKILLANFLAQTEALMKGKLPEEARKELQAAGKSP EDLEKLLPHKVFEGNRPTNSIVFTKLTPFILGALIAMYEHKIFVQGIMWDINSFDQWGV ELGKQLAKKIEPELEGSSAVTSHDSSTNGLISFIKQQRDTKLE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	Gpi1 glucose phosphate isomerase 1 [Mus musculus (house mouse)]
Official Symbol	GPI1
Synonyms	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;
Gene ID	14751
mRNA Refseq	NM_008155
Protein Refseq	NP_032181

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UniProt ID	P06745



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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