

Recombinant human Glucose-6-phosphate isomerase protein

Catalog Number: CSB-RP003674h



Product Name:	Recombinant human Glucose-6-phosphate isomerase protein
Alternative names:	Autocrine motility factor
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Relevance :	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.
Mol. Weight:	67kd
Product Info :	His-tagged
Source:	E.coli derived
Image:	
Purity:	>90%(SDS-PAGE)
Storage Buffer:	20mM Tris-HCl, 0.5M NaCl,pH 8.0,50% glycerol
Storage :	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Notes :	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
AA sequence:	<p>AALTRDPQFQKLQQWYREHRSELNLRRLFDANKDRFNHFSLTNTNHGHILVDYSKNL VTEDVMRMLVDLAKSRGVEAARERMFNGEKINYTEGRAVLHVALRNRSNTPILVDGKD VMPEVNKVLDKMKSFCQVRVSGDWKGYTGKTTIDVINIGIGGSDLGPLMVTEALKPYS SGGPRVWYVSNIDGTHIAKTLAQLNPESLFIASKTFTTQETITNAETAKEWFLQAAKD PSAVAKHFVALSTNTTKVKEFGIDPQNMFEFWDWVGGRYSLWSAIGLSIALHVGFDNF EQLLSGAHWMDQHFRTPLEKNAPVLLALLGIWYINCFGCETHAMLPYDQYLHRFAAY FQQGDMESNGKYITKSGTRVDHQTGPIVWGEPGTNGQHAFYQLIHQGTKMIPCDFLIP VQTQHPIRKGLHHKILLANFLAQTEALMRGKSTEEARKELQAAGKSPEDLERLLPHKVF EGNRPTNSIVFTKLTPFMLGALVAMYEHKIFVQGIWDINSFDQWGVELGKQLAKKIEPE LDGSAQVTSHDASTNGLINFIKQQREARVQ</p>
References:	<p>"Cloning of a glucose phosphate isomerase/neuroleukin-like sperm antigen involved in sperm agglutination." Yakirevich E., Naot Y. Biol. Reprod. 62:1016-1023(2000)</p>