

Recombinant human Phosphoglycerate kinase 1

Catalog No: #AP71647



Package Size: #AP71647-1 20ug #AP71647-2 100ug #AP71647-3 1mg

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Description

Product Name	Recombinant human Phosphoglycerate kinase 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-417aaSequence Info:Partial
Other Names	Cell migration-inducing gene 10 protein;Primer recognition protein 2 ;PRP 2
Accession No.	P00558
Uniprot	P00558
GeneID	5230;
Calculated MW	68.9 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	FNVPMKNNQITNNQRIKAAVPSIKFCLDNGAKSVVLMShLGRPDGVPMPDKYSLEPVAVELKSLGKDVFLK DCVGPEVEKACANPAAGSVILLENLRFHVEEEGKGDASGNKVKAEPAKIEAFRASLSKLGDVYVNDAFGTAH RAHSSMVGVNLPQKAGGFLMKKELNYFAKALESPERPFLAILGGAKVADKIQLINMLDKVNEMIIGGGMAFTF LKVLNNMEIGTSLFDEEGAKIVKDLMSKAEKNGVKITLPVDFVTADKFDENAKTGQATVASGIPAGWMGLDCG PESSKKYAEAVTRAKQIVWNGPVGWFEWAEFARGTKALMDEVVKATSRGCITIIGGGDTATCCAkwntEDKV SHVSTGGGASLELLEGKVLPGVDALSNI
Formulation	Tris-based buffer50% glycerol
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°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

In addition to its role as a glycolytic enzyme, it ses that PGK-1 acts as a polymerase alpha cofactor protein (primer recognition protein).

References

Isolation and DNA sequence of a full-length cDNA clone for human X chromosome-encoded phosphoglycerate kinase.Michelson A.M., Markham A.F., Orkin S.H.Proc. Natl. Acad. Sci. U.S.A. 80:472-476(1983)Research Topic:Metabolism

Note: This product is for in vitro research use only