

Recombinant Human Phosphoglucomutase-1(PGM1)

Catalog No: #AP70627

Package Size: #AP70627-1 20ug #AP70627-2 100ug #AP70627-3 1mg

Description

Product Name	Recombinant Human Phosphoglucomutase-1(PGM1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-562aaSequence Info:Full Length
Other Names	Glucose phosphomutase 1
Accession No.	P36871
Calculated MW	77.4 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MVKIVTVKTQAYQDQKPGTSGLRKRVKVFQSSANYAENFIQSIISTVEPAQRQEATLVVGGDGRFYMKEAIQLI ARIAAANGIGRLVIGQNGILSTPAVSCIIRKIKAIIGGIILTASHNPGGPNGDFGIKFNISNGGPAPEAITDKIFQISKTI EEYAVCPDLKVDLGLGKQQFDLENKFKPFTVEIVDSVEAYATMLRSIFDFSALKELLSGPNRLKIRIDAMHGVV GPYVKKILCEELGAPANSVNCVPLEDFGGHHPDNLTYAADLVETMKSGEHDFGAAFDGDGDRNMILGKHG FFVNPSDSVAVIAANIFSIPYFQQTGVRGFARSMPTSGALDRVASATKIALYETPTGWKFFGNLMDASKLSLCG EESFGTGSDDHIREKDGLWAVLAWLSILATRKQSVEDILKDHQYGRNFFTRYDYEEVEAEAGANKMMKDLEA LMFDRSFVGKQFSANDKVYVEKADNFEYSDPVDGSISRNQGLRLIFTDGSRIVFRLSGTGSAGATIRLYIDSY EKDVAKINQDPQVMLAPLISIALKVSQQLQERTGRTAPTIVT
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

This enzyme participates in both the breakdown and synthesis of glucose.

References

Phosphoglucomutase 1 complete human and rabbit mRNA sequences and direct mapping of this highly polymorphic marker on human chromosome 1.Whitehouse D.B., Putt W., Lovegrove J.U., Morrison K.E., Hollyoake M., Fox M.F., Hopkinson D.A., Edwards Y.H.Proc. Natl. Acad. Sci. U.S.A. 89:411-415(1992)Research Topic:Metabolism

Note: This product is for in vitro research use only and is not intended for use in humans or animals.