

Recombinant human Phospholysine phosphohistidine inorganic pyrophosphate phosphatase?

Catalog No: #AP71539

Orders: order@signalwayantibody.com

Package Size: #AP71539-1 20ug #AP71539-2 100ug #AP71539-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Phospholysine phosphohistidine inorganic pyrophosphate phosphatase?
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-270aaSequence Info:Full Length
Accession No.	Q9H008
Uniprot	Q9H008
GeneID	64077;
Calculated MW	45.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MAPWKGKRLAGVRGVLLDISGVLYDSGAGGGTAIAGSVEAVARLKRSLKVRFCTNESQKSRAELVGQLQRLG FDISEQEVTAAPAAACQILKEQGLRPYLLIHDGVRSEFDQIDTNSNPNCVVIADAGESFSYQNMNNAFQVLMLELE KPVLIISLGKGRYYKETSGLMLDVGPYMKALEYACGIKAEVVGKPSPEFFKSALQAIGVEAHQAVMIGDDIVGDV GGAQRCGMRALQVRTGKFRPSDEHHPEVKADGYVDNLAEAVDLLLQHADK
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

Phosphatase that hydrolyzes imidodiphosphate, 3-phosphohistidine and 6-phospholysine. Has broad substrate specificity and can also hydrolyze inorganic diphosphate, but with lower efficiency .

References

Molecular cloning of a cDNA for the human phospholysine phosphohistidine inorganic pyrophosphate phosphatase.Yokoi F., Hiraishi H., Izuhara K.J. Biochem. 133:607-614(2003)Research Topic:Metabolism

Note: This product is for in vitro research use only