14 Kda Phosphohistidine Phosphatase (PHPT1) Pongo Abelii Recombinant Protein

PRODUCT OVERVIEW

Product Name	14 kDa phosphohistidine phosphatase (PHPT1), Recombinant Protein
Full Product Name	Recombinant Pongo abelii 14 kDa phosphohistidine phosphatase (PHPT1)
Product Gene Name	PHPT1 recombinant protein
Product Synonym Gene Name	PHPT1
Sequence	AAADLAHIPD VDIDSDGVFK YVLIRVHSAS RSGAPVAESK EIVRGYKWAE YHADIYDKVS GDMQKQGCDC ECLGGGRISH QSQDKKIHVY GYTMAYGPAQ HAISTEKIKA KYPDYEVTWA NDGY
Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.
Molecular Weight	13,716 Da
Sequence Positions	2-125, Full length protein
Tag Information	This protein contains an N-terminal tag and may also contain a C-terminal tag. Tag types are determined by various factors including tag-protein stability, please inquire for tag information.
Sterility	Sterile filter available upon request.
Endotoxin	Low endotoxin available upon request.
3D Structure	ModBase 3D Structure for Q5R8L6
Species	Pongo abelii (Sumatran orangutan)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for PHPT1 recombinant protein	MBS1329016 is a recombinant protein targeting PHPT1. Also known as Recombinant Pongo abelii 14 kDa phosphohistidine phosphatase (PHPT1). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of PHPT1 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for PHPT1. It may not necessarily be applicable to this product.

NCBI GI #	197100898
NCBI GeneID	100174576
NCBI Accession #	NP_001127500.1
UniProt Primary Accession #	Q5R8L6
UniProt Secondary Accession #	Q5R855
UniProt Related Accession #	Q5R8L6

GenBank Nucleotide #	NM_001134028.1
NCBI Official Full Name	14 kDa phosphohistidine phosphatase
NCBI Official Symbol	PHPT1
NCBI Official Synonym Symbols	PHP; PHP14
UniProt Protein Name	14 kDa phosphohistidine phosphatase
UniProt Synonym Protein Names	Phosphohistidine phosphatase 1; PHPT1; Protein histidine phosphatase; PHP
Protein Family	14 kDa phosphohistidine phosphatase
UniProt Gene Name	PHPT1
UniProt Synonym Gene Names	PHP14; PHPT1; PHP
NCBI Protein Information	14 kDa phosphohistidine phosphatase
UniProt Comments for PHPT1	Exhibits phosphohistidine phosphatase activity.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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