Protease Htpx Homolog (Htpx) (Rsph17025_1232) Rhodobacter Sphaeroides Recombinant Protein

PRODUCT OVERVIEW

Product Name	Protease HtpX homolog (htpX) (Rsph17025_1232), Recombinant Protein
Full Product Name	Recombinant Rhodobacter sphaeroides Protease HtpX homolog (htpX)
Product Gene Name	Rsph17025_1232 recombinant protein
Product Synonym Gene Name	htpX
Product Synonym Names	Recombinant Protease HtpX homolog (htpX); Protease HtpX homolog EC= 3.4.24.-
Sequence	MGYVRTGILM AVMTALFLGV GALIGGQSGA IIALIVAALM NLFTFWNSDK AVLSMHGAHE VDPRAAPDLH AMVRGLAERA GMPMPRLYLI ETDQPNAFAT GRNPENAAVA VTRGLLRALS PEEVAGVVAH ELAHIKNRDT LLMTVTATFA GAISMLANFA FFFGGGSNQE GERPVGIVGT LALMILAPLA AGLVQMAISR SREYEADRIG AEICGRPLWL ASALGKIEGL ARRIDNTRAE RNPATAHMFI INPLHAMSHD RLFATHPNTA NRIAALQAMA GAGVERSSMP RVPRRGPWR
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 degree C. For extended storage, store at -20 or -80 degree C.
Molecular Weight	31,917 Da
Sequence Positions	1-299
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.
Chromosome Location	NC_009428.1 (1274163..1275062)
3D Structure	ModBase 3D Structure for A4WRW9
Species	Rhodobacter sphaeroides (strain 17025 / ATH 2.4.3)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for Rsph17025_1232 recombinant protein	MBS1039948 is a recombinant protein targeting Rsph17025_1232. Also known as Recombinant Rhodobacter sphaeroides Protease HtpX homolog (htpX). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of Rsph17025_1232 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 Rsph17025_1232. It may not necessarily be applicable to this product.

NCBI GI #	146277279
NCBI GeneID	5084405

NCBI Accession #	YP_001167438.1
UniProt Primary Accession #	A4WRW9
UniProt Related Accession #	A4WRW9
GenBank Nucleotide #	NC_009428.1
NCBI Official Full Name	heat shock protein HtpX
NCBI Official Symbol	Rsph17025_1232
UniProt Protein Name	Protease HtpX homolog
UniProt Gene Name	htpX
UniProt Entry Name	HTPX_RHOS5
NCBI Protein Information	heat shock protein HtpX
UniProt Comments for Rsph17025_1232	Cofactor: Binds 1 zinc ion per subunit By similarity. HAMAP-Rule MF_00188 Subcellular location: Cell inner membrane; Multi-pass membrane protein By similarity HAMAP-Rule MF_00188. Sequence similarities: Belongs to the peptidase M48B family.
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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