Phosphoadenosine Phosphosulfate Reductase (cysH) Salmonella Typhi Recombinant Protein

PRODUCT OVERVIEW

Product Name	Phosphoadenosine phosphosulfate reductase (cysH), Recombinant Protein
Full Product Name	Recombinant Salmonella typhi Phosphoadenosine phosphosulfate reductase (cysH)
Product Gene Name	cysH recombinant protein
Product Synonym Gene Name	cysH
Sequence	SQLDLNALNE LPKVDRVLAL AETNAQLETL TAEERVAWAL ENLPGEYVLS SSFGIQAAVS LHLVNQIRPD IPVILTDTGY LFPETYQFID ELTDKLKLNL KVYRAGESPA WQEARYGKLW EQGVEGIEKY NEINKVEPMN RALKELNAQT WFAGLRREQS GSRAHLPVLA IQRGVFKVLP IIDWDNRTVY QYLQKHGLKY HPLWAQGYLS VGDTHTTRKW EPGMAEEETR FFGLKRECGL HEG
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	27,938 Da
Sequence Positions	2-244, 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 Q8Z460
Species	Salmonella typhi
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for cysH recombinant protein	MBS1339712 is a recombinant protein targeting cysH. Also known as Recombinant Salmonella typhi Phosphoadenosine phosphosulfate reductase (cysH). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of cysH 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 cysH. It may not necessarily be applicable to this product.

NCBI GI #	16761718
NCBI GeneID	1249374
NCBI Accession #	NP_457335.1
UniProt Primary Accession #	Q8Z460

GenBank Nucleotide #	NC_003198.1
NCBI Official Full Name	3'-phosphoadenosine 5'-phosphosulfate sulfotransferase
NCBI Official Symbol	STY3074
NCBI Official Synonym Symbols	cysH
UniProt Protein Name	Phosphoadenosine phosphosulfate reductase
UniProt Synonym Protein Names	3'-phosphoadenylylsulfate reductase
Protein Family	Thioredoxin-dependent 5'-adenylylsulfate reductase
UniProt Gene Name	cysH
NCBI Protein Information	3'-phosphoadenosine 5'-phosphosulfate sulfotransferase
UniProt Comments for cysH	Reduction of activated sulfate into sulfite.
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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