Alkyl Hydroperoxide Reductase Subunit F (ahpF) Staphylococcus Epidermidis Recombinant Protein

PRODUCT OVERVIEW

Product Name	Alkyl hydroperoxide reductase subunit F (ahpF), Recombinant Protein
Full Product Name	Recombinant Staphylococcus epidermidis Alkyl hydroperoxide reductase subunit F (ahpF), partial
Product Gene Name	ahpF recombinant protein
Product Synonym Gene Name	ahpF
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	54,670 Da
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 Q8CMQ1
Species	Staphylococcus epidermidis (strain 12228)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ahpF recombinant protein	MBS1365832 is a recombinant protein targeting ahpF. Also known as Recombinant Staphylococcus epidermidis Alkyl hydroperoxide reductase subunit F (ahpF), partial. Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of ahpF 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 ahpF. It may not necessarily be applicable to this product.

NCBI GI #	27469276
NCBI GeneID	1056715
NCBI Accession #	NP_765913.1
UniProt Primary Accession #	Q8CMQ1
UniProt Related Accession #	Q8CMQ1
GenBank Nucleotide #	NC_004461.1
NCBI Official Full Name	alkyl hydroperoxide reductase
NCBI Official Symbol	SE2358

UniProt Protein Name	Alkyl hydroperoxide reductase subunit F
Protein Family	Alkyl hydroperoxide reductase
UniProt Gene Name	ahpF
NCBI Protein Information	alkyl hydroperoxide reductase
UniProt Comments for ahpF	Serves to protect the cell against DNA damage by alkyl hydroperoxides. It can use either NADH or NADPH as electron donor for direct reduction of redox dyes or of alkyl hydroperoxides when combined with the AhpC protein ().
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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