Putative Peroxiredoxin Pmp20 (AN8692) Emericella Nidulans Recombinant Protein

PRODUCT OVERVIEW

Product Name	Putative peroxiredoxin pmp20 (AN8692), Recombinant Protein
Full Product Name	Recombinant Emericella nidulans Putative peroxiredoxin pmp20 (AN8692)
Product Gene Name	AN8692 recombinant protein
Product Synonym Names	Putative peroxiredoxin pmp20; EC=1.11.1.15; Peroxisomal membrane protein pmp20; Thioredoxin reductase
Sequence	MSGLKAGDSF PADVVFSYIP WTEEKGEITS CGIPINYYAS KEWADKKVIL FALPGAFTPV CSARHVPEYI ERLPEIRAKG VDVVAVLAYN DAFVMSAWGK ANGVKNDDIL FLSDPEAKFS KSIGWADEEG RTKRYAIVLD HGKVTYAALE PAKNHLEFSS AETVIKHL
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	18,527 Da
Sequence Positions	1-168aa; 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 Q5ASN8
Species	Emericella nidulans (strain FGSC A4 / 38163 / CBS 112.46 / NRRL 194 / M139) (Aspergillus nidulans)
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for AN8692 recombinant protein	MBS1478534 is a recombinant protein targeting AN8692. Also known as Recombinant Emericella nidulans Putative peroxiredoxin pmp20 (AN8692). Host: E Coli or Yeast or Baculovirus or Mammalian Cell.
Other Notes	Small volumes of AN8692 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 AN8692. It may not necessarily be applicable to this product.

NCBI GI #	67903410
NCBI GeneID	2868548
NCBI Accession #	XP_681961.1
UniProt Primary Accession #	Q5ASN8
UniProt Related Accession #	Q5ASN8
GenBank Nucleotide #	XM_676869.1

NCBI Official Full Name	PM20_ASPFU PROBABLE PEROXISOMAL MEMBRANE PROTEIN PMP20 (ALLERGEN ASP F 3)
NCBI Official Symbol	AN8692.2
UniProt Protein Name	Putative peroxiredoxin pmp20
UniProt Synonym Protein Names	Peroxisomal membrane protein pmp20; Thioredoxin reductase
UniProt Gene Name	AN8692
UniProt Entry Name	PMP20_EMENI
NCBI Protein Information	PM20_ASPFU PROBABLE PEROXISOMAL MEMBRANE PROTEIN PMP20 (ALLERGEN ASP F 3)
UniProt Comments for AN8692	Involved in osmoadaptation.
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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