

2-Cys peroxiredoxin BAS1, chloroplastic (BAS1) Recombinant Protein | BAS1 recombinant protein

Recombinant Arabidopsis thaliana 2-Cys peroxiredoxin BAS1, chloroplastic (BAS1)

CATALOG # AAA117256	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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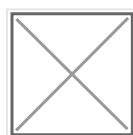
PRODUCT SYNONYMS

2-Cys peroxiredoxin BAS1; chloroplastic (BAS1); Recombinant Arabidopsis thaliana 2-Cys peroxiredoxin BAS1; chloroplastic; 2-Cys Prx A; 2-Cys peroxiredoxin A; EC=1.11.1.15; Thiol-specific antioxidant protein A; BAS1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	66-266aa; Full Length of Mature Protein
Sequence	KAQADDLPLV GNKAPDFEAE AVFDQEFIKV KLSDYIGKKY VILFFYPLDF TFVCPTEITA FSDRHSEFEK LNTEVLGVSV DSVFSLAWV QTDRKSGGLG DLNYPLISDV TKSISKSGFV LIHDQGIALR GLFIIDKEGV IQHSTINNLG IGRSVDETMR TLQALQYIQE NPDEVCPAGW KPGEKSMKPD PKLSKEYFSA I
Sequence Length	266
Species	Arabidopsis thaliana (Mouse-ear cress)
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeasthost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for BAS1 recombinant protein	May be an antioxidant enzyme particularly in the developing shoot and photosynthesizing leaf. Involved in the detoxification of alkyl hydroperoxides with reducing equivalents provided through the thioredoxin system.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15229806
NCBI GeneID	820335
NCBI Accession #	NP_187769.1
NCBI GenBank Nucleotide #	NM_111995.2
UniProt Accession #	Q96291; P92938; Q8L5U1; Q9S7Y0
Molecular Weight	24.4 kDa
NCBI Official Full Name	2-Cys peroxiredoxin BAS1
NCBI Official Symbol	AT3G11630
NCBI Official Synonym Symbols	T19F11.3
NCBI Protein Information	2-Cys peroxiredoxin BAS1
UniProt Protein Name	2-Cys peroxiredoxin BAS1, chloroplastic
UniProt Gene Name	BAS1
UniProt Synonym Gene Names	2-Cys Prx A; 2-Cys peroxiredoxin A
UniProt Entry Name	BAS1A_ARATH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/bas1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117256>