

Peptide methionine sulfoxide reductase B7 (MSRB7) Recombinant Protein | MSRB7 recombinant protein

Recombinant Arabidopsis thaliana Peptide methionine sulfoxide reductase B7 (MSRB7)

CATALOG # AAA116624	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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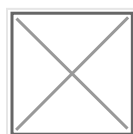
PRODUCT SYNONYMS

Peptide methionine sulfoxide reductase B7 (MSRB7); Recombinant Arabidopsis thaliana Peptide methionine sulfoxide reductase B7 (MSRB7); Peptide methionine sulfoxide reductase B7; AtMSRB7; EC=1.8.4.12; Peptide-methionine (R)-S-oxide reductase; MSRB7 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	1-144aa; Full Length
Sequence	MAAMTAAAVP ATGSFQKQDE EWRAVLSPEQ FRVLRKGTG KRGKGFTKK FEEGTYSAG CGTALYKSTT KFDSGCGWPA FFDAIPGAIK QTPEAGGRRM EITCAVCDGH LGHVFKGEGY STPTDQRHCV NSVSLKFSSA GSSQ
Sequence Length	144
Species	Arabidopsis thaliana (Mouse-ear cress)
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 MSRB7 recombinant protein	Catalyzes the reduction of methionine sulfoxide (MetSO) to methionine in proteins. Plays a protective role against oxidative stress by restoring activity to proteins that have been inactivated by methionine oxidation. MSRB family specifically reduces the MetSO R-enantiomer (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	145333643
NCBI GeneID	828271
NCBI Accession #	NP_001078422.1
NCBI GenBank Nucleotide #	NM_001084953.1

UniProt Accession #	Q8VY86 ; O49706
Molecular Weight	31.5 kDa
NCBI Official Full Name	peptide methionine sulfoxide reductase B7
NCBI Official Symbol	MSRB7
NCBI Official Synonym Symbols	ATMSRB7; methionine sulfoxide reductase B7; MSRB7; T8O5.40; T8O5_40
NCBI Protein Information	peptide methionine sulfoxide reductase B7
UniProt Protein Name	Peptide methionine sulfoxide reductase B7
UniProt Gene Name	MSRB7
UniProt Synonym Gene Names	AtMSRB7
UniProt Entry Name	MSRB7_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/msrb7-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116624>