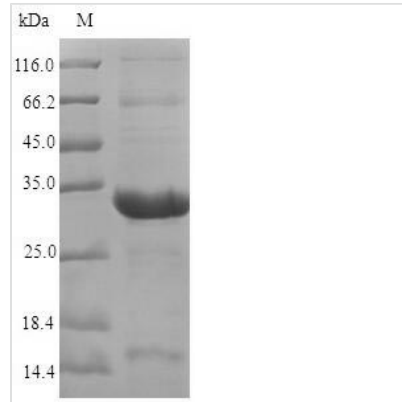




Recombinant Arabidopsis thaliana Peptide methionine sulfoxide reductase B7 (MSRB7)

Product Code	CSB-EP848741DOA
Relevance	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).
Abbreviation	Recombinant Mouse-ear cress MSRB7 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8VY86
Alias	Peptide-methionine (R)-S-oxide reductase
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MAAMTAAAVPATGSFQKQDEEWRAVLSPEQFRVLRLLKGTDKRGKGEFTKKF EEGTYSCAGCGTALYKSTTKFDSCGWPFAFFDAIPGAIKQTPEAGGRRMEITC AVCDGHLGHVFKGEGYSTPTDQRHCVNSVSLKFSSAGSSQ
Research Area	Others
Source	E.coli
Target Names	MSRB7
Protein Names	Recommended name: Peptide methionine sulfoxide reductase B7 Short name= AtMSRB7 EC= 1.8.4.12 Alternative name(s): Peptide-methionine (R)-S-oxide reductase
Expression Region	1-144aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	31.5kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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