



# Recombinant Arabidopsis thaliana Monodehydroascorbate reductase, chloroplastic (At1g63940)

<b>Product Code</b>	CSB-EP308612DOA
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P92947
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	ASFANEN REFVIVGGGN AAGYAARTFV ENGMADGRLC IVTKEAYAPY ERPALTKAYL FPPEKKPARL PGFHTCVGGG GERQTPDWYK EKGIEVIYED PVAGADFEKQ TLTTDAGKQL KYGSLIATG CTASRFPDKI GGHLPGVHYI REVADADSLI ASLGKAKKIV IVGGGYIGME VAAAFAVWNL DTTIVFPEDQ LLQRLFTPSL AQKYEELYRQ NGVKFVKGAS INNLEAGSDG RVS AVKLADG STIEADTVVI GIGAKPAIGP FETLAMNKSI GGIQVDGLFR TSTPGIFAIG DVAAPFLKIY DRMTRVEHVD HARRSAQHCV KSLTAHTDT YDYLPHYFYSR VFEYEGSPRK VWWQFFGDNV GETVEVGNFD PKIATFWIES GRLKGVLVES GSPEEFQLLP KLARSQPLVD KAKLASASSV EEALEIAQAA LQS
<b>Source</b>	E.coli
<b>Target Names</b>	MDAR5
<b>Protein Names</b>	Recommended name: Monodehydroascorbate reductase, chloroplastic Short name= MDAR EC= 1.6.5.4
<b>Expression Region</b>	54-493
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.