



Recombinant Arabidopsis thaliana Thioredoxin M3, chloroplastic (GAT1)

Product Code	CSB-EP886663DOA
Abbreviation	GAT1
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.	Q9SEU7
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	AAE VTQRSWEDSV LKSETPVLVE FYTSWCGPCR MVHRIIDEIA GDYAGKLN CY LLNADNDLPV AEEYEIKAVP VLLFKNGEK RESIMGTMPK EFYISA IERV LNS
Source	E.coli
Target Names	GAT1
Protein Names	Recommended name: Thioredoxin M3, chloroplastic Short name= AtTrxm3 Alternative name(s): Protein GFP ARRESTED TRAFFICKING 1
Expression Region	68-173
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
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	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.