



Recombinant Arabidopsis thaliana Glutathione reductase, cytosolic (At3g24170)

Product Code	CSB-MP343368DOA
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.	P48641
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	≥85% (SDS-PAGE)
Sequence	MARKMLVDGE IDKVAADEAN ATHYDFDLFV IGAGSGGVRA ARFSANHGAK VGICELPFHP ISSEEIGGVG GTCVIRGCVP KKILVYGATY GGELEDAKNY GWEINEKVDF TWKKLLQKKT DEILRLNNIY KRLLANA AVK LYEGEGRVVG PNEVEVRQID GTKISYTAKH ILIATGSRAQ KPNIPGHELA ITSDEALSLE EFPKRAIVLG GGYIAVEFAS IWRGMGATVD LFFRKELPLR GFDDEMRA LV ARNLEGRGVN LHPQTSLTQL TKTDQGKVI SSHGEEFVAD VVLFATGRSP NTKRLNLEAV GVELDQAGAV KVDEYSRTNI PSIWAVGDAT NRINLTPVAL MEATCFANTA FGGKPTKAEY SNVACAVFCI PPLAVVGLSE EEAVEQATGD ILVFTSGFNP MKNTISGRQE KTLMKLIVDE KSDKVIGASM CGPDAAEIMQ GIAIALKCGA TKAQFDSTVG IHPSSAEFV TMRSVTRRIA HKPKPKTNL
Source	Mammalian cell
Target Names	At3g24170
Protein Names	Recommended name: Glutathione reductase, cytosolic Short name= GR Short name= GRase EC= 1.8.1.7 Alternative name(s): OBP29
Expression Region	1-499
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 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.