



# Recombinant Arabidopsis thaliana Glutathione reductase, cytosolic (At3g24170)

<b>Product Code</b>	CSB-EP343368DOA-B
<b>Storage</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.
<b>Uniprot No.</b>	P48641
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Arabidopsis thaliana (Mouse-ear cress)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	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 GFDDDEMRLV 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
<b>Source</b>	E.coli
<b>Target Names</b>	At3g24170
<b>Protein Names</b>	Recommended name: Glutathione reductase, cytosolic Short name= GR Short name= GRase EC= 1.8.1.7 Alternative name(s): OBP29
<b>Expression Region</b>	1-499
<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 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.