



Recombinant Arabidopsis thaliana NADPH-dependent thioredoxin reductase 3 (NTRC)

Product Code	CSB-YP521234DOA
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.	O22229
Product Type	Recombinant Protein
Immunogen Species	Arabidopsis thaliana (Mouse-ear cress)
Purity	>85% (SDS-PAGE)
Sequence	ATA NSPSSSSSGG EIIENVVIIG SGPAGYTAAI YAARANLKPV VFEGYQMGGV PGGQLMTTTE VENFPGFPDG ITGPDLMKEM RKQAERWGAE LYPEDVESLS VTTAPFTVQT SERKVKCHSI IYATGATARR LRLPREEEFW SRGISACAIC DGASPLFKGQ VLAVVGGGDT ATEEALYLT YARHVHLLVR RDQLRASKAM QDRVINNPNI TVHYNTETVD VLSNTKGQMS GILLRRLDTG EETELEAKGL FYGIGHSPNS QLLEGQVELD SSGYVLVREG TSNTSVEGVF AAGDVQDHEW RQAVTAAGSG CIAALSAERY LTSNNLLVEF HQPQTEEAKK EFTQRDVQEK FDITLTKHKG QYALRKLYHE SPRVILVLYT SPTCGPCRTL KPILNKVVDE YNHVHFVEI DIEEDQEIAE AAGIMGTPCV QFFKNKEMLR TISGVKMKKE YREFIEANK
Source	Yeast
Target Names	NTRC
Protein Names	Recommended name: NADPH-dependent thioredoxin reductase 3 Short name= NTR3 EC= 1.8.1.9 Alternative name(s): NADPH-dependent thioredoxin reductase C Short name= ANTR-C Short name= AtNTRC
Expression Region	68-529
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.