



Recombinant *Oryza sativa* subsp. japonica Thioredoxin reductase NTRC (Os07g0657900, LOC_Os07g46410)

Product Code	CSB-EP747838OFG-B
Abbreviation	Os07g0657900, LOC_Os07g46410
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.	Q70G58
Product Type	Recombinant Protein
Immunogen Species	<i>Oryza sativa</i> subsp. japonica (Rice)
Purity	>85% (SDS-PAGE)
Sequence	ASAAP AVDEEAPASP PPSDLGKGV E NLVIIGSGPA GYTAAIYAAR ANLKPVVFE G YQVGGVPGGQ LMTTTEVENF PGFPDGVTGP DLMDKMRKQA ERWGAELHQE DVEFVNVKSR PFVIRSSDRE VKCHSVIIAT GAAAKRLRLP REDEFWSRGI SACAICDGAS PLFKGQVLAV VGGGDTATEE AIYLTKYARH VHLLVRKDQL RASKAMQDRV LNNPNITVHF NTEAVDVVSN PKGQMSGIQL KRTDTGEESV LEVKGLFYGI GHTPNSQLLQ GQIDLDDAGY ILVEEGTAKT SVDGVFAAGD VQDHEWRQAV TAAGSGCVAA LSVERYLVAN DLLVEFHQPV REEKEKEITD RDVEMGFDIS HTKHRGQYAL RKVYHESPRL VCVLYTSPTC GPCRTLKPI L SKVIDEYNEH VHFVEIDIEE DPEIAEAAGI MGTPCVQFFK NKEMLRTVSG VKMKKEYREF IESNK
Source	E.coli
Target Names	Os07g0657900
Protein Names	Recommended name: Thioredoxin reductase NTRC EC= 1.8.1.9 Alternative name(s): NADPH-dependent thioredoxin reductase C Short name= OsNTRC
Expression Region	46-515
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.