



Recombinant Trypanothione reductase (TPR)

Product Code	CSB-MP333370TQY
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.	P28593
Product Type	Recombinant Protein
Immunogen Species	Trypanosoma cruzi
Purity	>85% (SDS-PAGE)
Sequence	MMSKIFDLVV IGAGSGGLEA AWNAATLYKK RVAVIDVQMV HGPPFFSALG GTCVNVGCVV KKLMTGAQY MEHLRESAGF GWEFDRRTTLR AEWKKLIQAVK DEAVLNINKS YEEMFRDTEG LEFFLWVWVRE SADPASAVKE RLETENILLA SGSWPHMPNI PGIEHCISN EAFYLPEPPR RVLTVGGGFI SVEFAGIFNA YKPKDGQVTL CYRGEMILRG FDHTLREELT KQLTANGIQI LTKENPAKVE LNADGSKSVT FESGKKMDFD LVMMIAIGRSP RTKDLQLQNA GVMIKNGGVQ VDEYSRTNVS NIYAIGDVTN RVMLTPVAIN EAAALVDTVF GTNPRKTDHT RVASAVFSIP PIGTCGLIEE VASKRYEVVA VYLSSFTPLM HNISGSKYKT FVAKIITNHS DGTVLGVHLL GDNAPEIIQG VGICLKLNAK ISDFYNTIGV HPTSAEELCS MRTPSYYYVK GEKMEKPSEA SL
Source	Mammalian cell
Target Names	TPR
Protein Names	Recommended name: Trypanothione reductase Short name= TR EC= 1.8.1.12 Alternative name(s): N(1),N(8)-bis(glutathionyl)spermidine reductase
Expression Region	1-492
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.