



# Recombinant Trypanothione reductase (TPR)

<b>Product Code</b>	CSB-EP333370TQY-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>	P28593
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Trypanosoma cruzi
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MMSKIFDLVV IGAGSGGLEA AWNAATLYKK RVAVIDVQMV HGPPFFSALG GTCVNVGCVK KKLMTGAQY MEHLRESAGF GWEFDRITLR AEWKKLIQV DEAVLNINKS YEEMFRDTEG LEFFLGWWSL ESKNVVNVRE SADPASAVKE RLETENILLA SGSWPHMPNI PGIEHCISSN 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
<b>Source</b>	E.coli
<b>Target Names</b>	TPR
<b>Protein Names</b>	Recommended name: Trypanothione reductase Short name= TR EC= 1.8.1.12 Alternative name(s): N(1),N(8)-bis(glutathionyl)spermidine reductase
<b>Expression Region</b>	1-492
<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.