

Recombinant Trypanosoma Cruzi TPR Protein (1-492 aa), His-tagged

Cat. No. TPR-1748T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Trypanosoma Cruzi TPR Protein (1-492 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length.
Species	Trypanosoma Cruzi
Source	Yeast
ProteinLength	1-492 aa
Description	Trypanothione is the parasite analog of glutathione; this enzyme is the equivalent of glutathione reductase.
Form	Tris-based buffer,50% glycerol
Molecular Mass	55.9 kDa
AA Sequence	MMSKIFDLVVIGAGSGGLEAAWNAATLYKKRVAIDVQMVHGPPFFSALGGTCVNV GCVPKMLMVTGAQYMEHLRESAGFGWEFDRTTLRAEWKCLIIVKDEAVLNINKSYE EMFRDTEGLEFFLWGSLESKNVVNVRESADPASAVKERLETENILLASGSWPHMP NIPGIEHCISSNEAFYLPPEPRRVLTVGGGFISVEFAGIFNAYKPKDGGQVTLCYRGEMI LRGFDHTLREELTKQLTANGIQILTKENPAKVELNADGSKSVTFESGKKMDFDLVMM AIGRSPRTKDLQLQAGVMIKNGGVQVDEYSRTNVSNIYAIGDVTNRVMLTPVAINE AAALVDTVFGTNPVKTDHTRVASAVFSIPPIGTCGLIEEVASKRYEVVAVYLSSFTPL

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MHNISGSKYKTFVAKIITNHS DGTVLGVHLLGDNAPEIIQGVGICLKLNAKISDFYNTIG
 VHPTSAEELCSMRTPSYYYVKGEKMEKPSEASL

Purity > 90% as determined by SDS-PAGE.

Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.

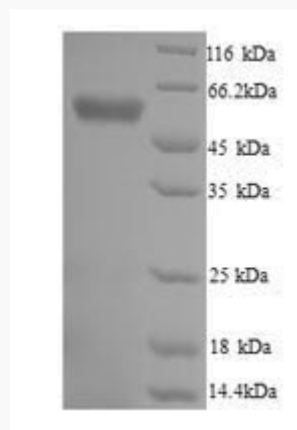
Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

Concentration A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Synonyms TPR; N(1),N(8)-bis(glutathionyl)spermidine reductase;

UniProt ID [P28593](https://www.uniprot.org/entry/P28593)



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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