

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 GCVPKKLMVTGAQYMEHLRESAGFGWEFDR TTLRAEWKKLIAVKDEAVLNINKSYE EMFRDTEGLEFFLGWGSLESKNVVNVRESADPASAVKERLETENILLASGSWPHMP NIPGIEHCISSNEAFYLPEPPRRVLTVGGGFISVEFAGIFNAYKPKDGQVTL CYRGEMI LRGFDHTLREELTKQLTANGIQILT KENPAKVELNADGSKSVTFESGKKMDFDLVMM AIGRSPRTKDLQLQNAGVMIKNGGVQVDEYSRTNVSNIYAIGDVTNRVMLTPVAINE AAALVDTVFGTNP RKTDHTRVASAVFSIPPIGTCGLIEEVASKRYEVVAVYLSSFTPL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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.

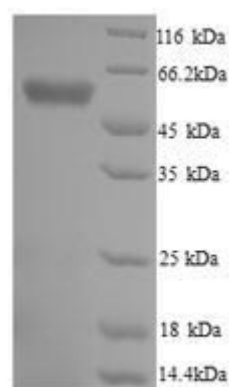
Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80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



 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA