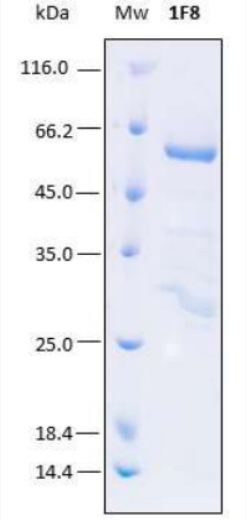
Recombinant T. cruzi 1F8 Antigen, His&GST tagged

Cat. No. 1F8-002T **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The T. cruzi antigen 1F8 has been prepared as a recombinant antigen fused to a GST-His-tag in its N terminal. It is produced from the 1F8 gene of the T. cruzi calcium-binding protein.
Species	T. cruzi
Source	E.coli
Description	1F8 is the Trypanosoma cruzi calcium-binding protein. It is a 51 kDa protein that does not have any internal repetition. It is one of the antigens from this parasite which has shown a greater sensibility in the evaluations described in the literature.
Tag	N-His&GST
Molecular Mass	Determined by SDS-PAGE, the protein band is between molecular markers of 45-66.2 kDa, while relative molecular mass calculated from amino acid sequence is 56,838.8 Da.
Purity	> 95% by observation on SDS-PAGE electrophoresis
Applications	WB, DB, IE, DE, CLIA, LF
Storage	Upon arrival, it should be aliquoted to avoid repeated freezing and thawing cycles and stored at -20 to -80 centigrade. In order to defrost the protein, maintain the aliquot at 25 centigrade without shaking to avoid aggregation.

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

Storage Buffer	20 mM phosphate buffer pH 8 and 0.15 M NaCl
Concentration	1.66 mg/mL
Shipping	Protein is shipped with dry ice.
Reference	1. González, A., T. J., Lerner, M. Huecas, B. Sisa-Pineda, N. Nogueira, and P. M. Lizardi. Apparent generation of a segmented mRNA from two separate tándem gene families in Trypanosoma cruzi. 1985, Nucleic Acids Res. 13:5789-5803. 2. Gill SC, von Hippel PH. Calculation of protein extinction coefficients from amino acid sequence data. Anal Biochem. 1989 Nov 1;182(2):319-26.
Purity	 SDS-PAGE analysis (15%) of 4 µL of recombinant 1F8. Purity is > 98% as determined by gel electrophoresis.

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