9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Trypanosoma Cruzi B13

Trypanosoma Cruzi B13 Recombinant
VAG0495

Product Overview

Name	Trypanosoma Cruzi B13
Description	
Trypanosoma Cruzi B13 Recombinant	
Accession (Primary)	Q7YZF5
Source	
Escherichia Coli.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
(1mg/1ml) in phosphate buffer saline and 25mM k 2 co 3 .	
Stability	
Recombinant Trypanosoma Cruzi B13 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.	
Purity	
Protein is >90% pure as determined by 10% PAGE (coomassie staining).	
Background	
Among the numerous antigens that T. cruzi expresses, the B13 protein has been identified as a main component involved in immune recognition and host-parasite interactions. Trypanosoma Cruzi B13 is a very immunogenic antigen found in the T. cruzi epimastigote and trypomastigote forms. Trypanosoma Cruzi B13 takes part in host-parasite interactions first by binding to host cells such as cardiac and smooth muscle cells, which are very important in the pathology of Chagas disease. Trypanosoma cruzi is the protozoan parasite responsible for Chagas disease which affects millions of people in Latin America. The parasite has a complex life cycle and eludes the immune response through various mechanisms, making it a complex target for therapeutic interventions.	
Precautions	
Trypanosoma Cruzi B13 is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (Q7YZF5)

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