9051 Mira Mesa Blvd, #910094
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1F8 Chagas

1F8 Chagas Recombinant
VAG0001

Product Overview

Name	1F8 Chagas
Description	
1F8 Chagas Recombinant	
Accession (Primary)	P07749
Introduction	
Flagellar calcium-binding protein (Protein FcaBP) is a protein which may be involved in swift motility of Trypanosoma, having an imperative role in flagellar structure and calcium metabolism, as it exhibits 4 EF-hand type (helix-loop-helix) structural domains, of which 3 may contain calcium-binding sites. Calcium has a vital role in the motility of Trypanosoma. The subcellular localization of Protein FcaBP is in the flagella of T. cruzi.	
Source	
Escherichia Coli.	
Formulation	
1F8 Chagas antigen was lyophilized from 20mM Hepes, 300mM NaCl, pH-8, and varying 284mM imidazole.	
Stability	
Store lyophilized 1F8 Chagas antigen at 2-8°C. After reconstitution, store at -20°C. Prevent freeze/thaw cycles.	
Purity	
Protein is >90% pure as determined by SDS PAGE.	
Solubility	
It is recommended to reconstitute the lyophilized 1F8 Chagas protein in sterile distilled pyrogen free water at 100 µg/ml, which can then be further diluted to other aqueous solutions.	
Applications	
Reacts with sera from infected patients, Useful for immunoassays.	
Precautions	
1F8 Chagas is for research use only and not for use in diagnostic or therapeutic procedures.	

Target Information: (P07749)

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