



## Chimeric Chagas Multiantigen Recombinant

<b>Item Number</b>	rAP-5117
<b>Synonyms</b>	
<b>Description</b>	Recombinant Chimeric Chagas Multiantigen (MACH) ( <i>Trypanosoma cruzi</i> ) produced in <i>E.Coli</i> , is a polypeptide chain of 87 a.a. with epitopes PEP-2, TcD, TcE and SAPA. The protein is fused to a 6-His tag and having an Mw of 9.9kDa.
<b>Uniprot Accession Number</b>	
<b>Amino Acid Sequence</b>	
<b>Source</b>	
<b>Physical Appearance and Stability</b>	Store lyophilized Chagas Multiantigen at 2-8°C. After reconstitution, store at -20°C. Prevent freeze/thaw cycles.
<b>Formulation and Purity</b>	Chimeric Chagas Multiantigen was lyophilized from 20mM Tris pH-8.5, 100mM Sodium chloride, 20% trehalose and 0.1% Sodium azide as preservative. Protein is >90% pure as determined by metal affinity chromatography.
<b>Application</b>	Suitable for use in ELISA and Lateral flow. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
<b>Solubility</b>	It is recommended to reconstitute the lyophilized Chimeric Chagas Multiantigen in sterile 18MΩ-cm H <sub>2</sub> O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**