

Recombinant Chagas CRP10 Antigen

Cat. No. CRP10-07C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant <i>T. cruzi</i> (Chagas) Complement Regulatory Protein, CRP produced in the <i>E.coli</i> Expression System.
Species	<i>T. cruzi</i>
Source	<i>E.coli</i>
Form	Frozen Liquid
Molecular Mass	107.9 kDa
Purity	> 95%
Applications	In-Vitro Diagnostics, Immunization Recommended concentrations for use are approximate values. A dose dependent response assay should be performed to determine the optimal concentration for use in specific applications. ELISA and Western ELISA require 10-100ng protein depending on the nature and affinity of the detection reagent. Human serum polyclonal antibodies yield titers of 1:1000 or greater at 100 ng of immobilized protein under standard ELISA conditions. Protein concentration for lateral flow rapid diagnostics range from 1-2 mg/mL, 1 µL/cm.
Stability	2 years at -75 centigrade
Storage	At -75 centigrade

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Storage Buffer	PBS, 5% glycerol
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GENE INFORMATION

Official Symbol	CRP10
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Synonyms	CRP10; Complement Regulatory Protein
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