

1F8 Chagas Recombinant Protein | FCABP recombinant protein

Recombinant 1F8 Chagas

CATALOG # AAA38905	HOST E Coli	APPLICATIONS IA (Immunoassay)
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PRODUCT SYNONYMS

1F8 Chagas; Recombinant 1F8 Chagas; 1F8 Chagas Recombinant; FCABP recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Protein is >90% pure as determined by SDS PAGE.
Form/Format	1F8 Chagas antigen was lyophilized from 20mM Hepes, 300mM NaCl, pH-8, and varying 284mM imidazole.
Sequence Length	211
Applicable Applications for FCABP recombinant protein	IA (Immunoassay)
Solubility	It is recommended to reconstitute the lyophilized 1F8 Chagas protein in sterile distilled pyrogen free water at 100 ug/ml, which can then be further diluted to other aqueous solutions.

ADDITIONAL INFORMATION

Related Product Information for FCABP recombinant protein	Description: Recombinant Chagas 1F8 protein (Epitope of the flagellar calcium-binding protein FCABP of Trypanosoma cruzi) produced in E Coli, is a polypeptide chain having a total of 234 a.a (includes his tag). The protein is fused to a 6-His tag having a total Mw of 25.8kDa and a theoretical pI of 5.39. 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.
Product Categories/Family for FCABP recombinant protein	Viral Antigens ; CHAGAS PROTEIN ; Viral Antigens ; Chagas

NCBI AND UNIPROT INFORMATION

NCBI GI #	119859
UniProt Accession #	P07749 ; Q26256 ; Q26915 ; Q27055 ; Q94786 ; Q94797
Molecular Weight	23,736 Da
NCBI Official Full Name	Flagellar calcium-binding protein
UniProt Protein Name	Flagellar calcium-binding protein
UniProt Gene Name	FCABP
UniProt Synonym Gene Names	FCABP
UniProt Entry Name	FCA1_TRYCR

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fcabp-recombinant-protein-e-coli-ia-immunoassay/38905>