

1F8 Chagas Recombinant Protein



RPPB5383

Product Information Protein Information

Product SKU:

RPPB5383

Accession:

P07749

Host:

Escherichia Coli.

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.

Formulation:

1F8 Chagas antigen was lyophilized from 20mM Hepes, 300mM NaCl, pH-8, and varying 284mM imidazole.

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 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Store lyophilized 1F8 Chagas antigen at 2-8°C. After reconstitution, store at -20°C. Prevent freeze/thaw cycles.