

PfCs Mosaic

Description: The E.Coli derived recombinant protein contains the Plasmodium Falciparum Cs Mosaic protein epitopes 107-129, 334-351 amino acids.

Catalog #: MAPS-009

Purity: Protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.

For research use only.

Formulation:

150mM Imidazole, pH 8.0, 150mM NaCl, 25mM Sodium Phosphate and 50% glycerol.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

Use as an antigen in ELISA and Western Blots.

Introduction:

Plasmodium falciparum is a protozoan parasite, one of the species of Plasmodium that cause malaria. Malaria parasites are members of the Apicomplexa. Apicomplexa are characterized by a set of organelles found in some stages of the parasite's life cycle. These organelles, collectively known as apical organelles because of their localization at one end of the parasite, are involved in interactions between the parasite and host. In particular, the apical organelles have been implicated in the process of host cell invasion. In the case of Plasmodium, three distinct invasive forms have been identified: sporozoite, merozoite, and ookinete.

Storage:

PfCs Mosaic although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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