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## Product Data Sheet

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Product Name: PfCs Mosaic  
Cat. No.: GP25157  
Batch No.: 1

### Product Data

Purity	>98%	Source	
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Formulation	150mM Imidazole, pH 8.0, 150mM NaCl, 25mM Sodium Phosphate and 50% glycerol.		

### 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.

### Stability

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

### Background

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

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA