



Product Datasheet

Product Name Plasmodium Falciparum HSP70 Recombinant

Cata No CB500798

Source

Synonyms

Description

Plasmodium falciparum heat shock proteins (PfHSPs) contribute to immunopathological alterations in infected hosts PfHSP70s may have a significant function during parasite adaptation in its environments. They have also been a focus of considerable attention due to their immunodominant antigenic nature and their properties as mediators of protective immunity.

The E.Coli derived recombinant Plasmodium falciparum contains the Plasmodium falciparum HSP70 protein epitopes 33-114 amino acids.

Purity

Malaria protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.

Formulation

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

Stability

Five years frozen. One month in solution at room temperature.

Applications

Use as an antigen in ELISA and Western Blots.