

PfHSP70

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

Catalog #: MAPS-008

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, 150mM 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 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.

Storage:

PfHSP70 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

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