

Recombinant Plasmodium Falciparum HSP70 (aa 33-114)

Catalog No.	CSI15859A	Quantity:	100 µg
	CSI15859B		0.5 mg
	CSI15859C		1.0 mg

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.

Source: E. coli

Formulation: 150 mM Imidazole, pH 8. + 150 mM NaCl + 150 mM Sodium Phosphate and 50% glycerol.

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

Purification Method: Purified by proprietary chromatographic technique.

Applications: Use as an antigen in ELISA and Western Blots.

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

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