Recombinant Malaria Falciparum PF08_0054 protein

Cat. No. PF08_0054-241M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The E.Coli derived recombinant Plasmodium falciparum contains the Plasmodium falciparum HSP70 protein epitopes 33-114 amino acids.
Species	Malaria Falciparum
Source	E.coli
ProteinLength	33-114 a.a.
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.
Form	Sterile Filtered clear solution. 150mM Imidazole, pH 8.0, 150mM NaCl, 150mM Sodium Phosphate and 50% glycerol.
Purity	Protein is >95% pure as determined by 10% PAGE (coomassie staining) and RP-HPLC.
Applications	Use as an antigen in ELISA and Western Blots.
Usage	The products are furnished for LABORATORY RESEARCH USE ONLY. The product

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	may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.
Storage	PfHSP70 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.
Shipping	Ice Packs

GENE INFORMATION

Gene Name	PF08_0054 heat shock 70kDa protein [Plasmodium falciparum 3D7]
Official Symbol	PF08_0054
Synonyms	PF08_0054; heat shock 70kDa protein
Gene ID	2655254
mRNA Refseq	XM_001349300.1
Protein Refseq	XP_001349336.1
UniProt ID	Q8IB24

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