

Recombinant Pf MSP1 Protein

Cat. No. MSP1-68P Lot. No. (See product label)

SPECIFICATION

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| Product Overview | This recombinant protein contains immunodominant regions of Pf-MSP-1 with a MW of 24 kDa. It is recognized by positive samples in ELISA tests. |
| Species | Plasmodium falciparum |
| Source | E.coli |
| Description | The merozoite surface protein 1 (MSP-1) is the most abundant protein on the surface of the erythrocyte-invading Plasmodium merozoite, the causative agent of malaria. MSP-1 is essential for merozoite formation, entry into and escape from erythrocytes, and is a promising vaccine candidate. |
| Form | Affinity purified, liquid |
| Molecular Mass | 24 kDa |
| Purity | >95% pure by SDS-PAGE |
| Applications | Suitable for use in ELISA, Lateral Flow, WB, and other immune tests. |
| Storage | Upon receipt, quick spin before open vial, aliquot and store at ≤ -20 centigrade. Avoid multiple freeze/thaw cycles |
| Storage Buffer | PBS, pH 7.3 |

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Preservative 0.1% ProClin 300

GENE INFORMATION

Synonyms merozoite surface protein 1; MSP-1; MSP1; Merozoite surface antigens; PMMSA; p195

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