

Recombinant Pf MSP1 Protein

Cat. No. MSP1-67P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This recombinant protein contains immunodominant regions of Pf-MSP-1 with a MW of 38 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	38 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	Tris-buffered saline, pH 8.0

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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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