

## Recombinant Pf MSP1 Protein

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Plasmodium falciparum
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Affinity purified, liquid
<b>Molecular Mass</b>	38 kDa
<b>Purity</b>	>95% pure by SDS-PAGE
<b>Applications</b>	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
<b>Storage</b>	Upon receipt, quick spin before open vial, aliquot and store at $\leq -20$ centigrade. Avoid multiple freeze/thaw cycles
<b>Storage Buffer</b>	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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