

## Recombinant Pv MSP1 Protein

Cat. No. MSP1-74P Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	This recombinant protein contains immunodominant regions of Pv-MSP-1 with a MW of 25 kDa. It is recognized by positive samples in ELISA tests.
<b>Species</b>	Plasmodium vivax
<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>	25 kDa
<b>Purity</b>	>90% pure by SDS-PAGE
<b>Applications</b>	Suitable for use in ELISA, Lateral Flow, WB, and other immune tests.
<b>Storage</b>	Upon receipt, store at 2-8 centigrade.
<b>Storage Buffer</b>	Tris-buffered saline, pH 8.0
<b>Preservative</b>	0.1% ProClin 300

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



## GENE INFORMATION

### Synonyms

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

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