

Plasmodium Falciparum MSP 1-P36 Recombinant Protein

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CATALOG # AAA78030	HOST E Coli	APPLICATIONS ELISA
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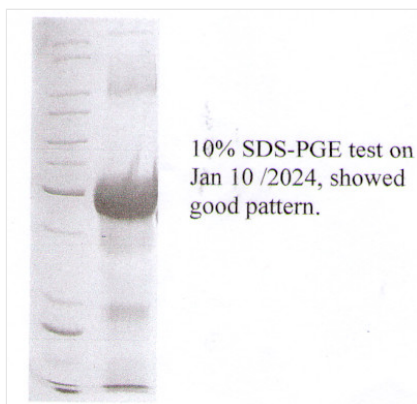
PRODUCT SYNONYMS

Plasmodium Falciparum MSP 1-P36; Plasmodium Falciparum MSP1-P36 Recombinant Protein; Plasmodium Falciparum MSP 1-P36 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>90% pure (as determined by 10% SDS-PAGE, Coomassie blue stain)
Form/Format	Purified, Liquid; PBS with 25mM K ₂ CO ₃
Concentration	1.20mg/ml (lot: 01112023) (varies by lot)
Applicable Applications for Plasmodium Falciparum MSP 1-P36 recombinant protein	ELISA, Rapid Test
Pair Information Note	() to prepare rapid test to detect Pf and Pv antibody
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Upon receipt, store at 4°C

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Plasmodium Falciparum MSP 1-P36 recombinant protein	Description: Merozoite surface antigen is a protein located at the outside of merozoite, playing an important role in immune reaction. About 55% cases of malaria are infected by Plasmodium falciparum (Pf). Pf MSP is an restructured protein, expressed and purified from E. coli. MBS596166 is usually used with Plasmodium vivax (Pv) together for ELISA and lateral flow rapid test, Plasmodium falciparum and vivax infection takes about 95% of Plasmodium caused infection. The expressed MBS596166 contains 6 x His tag, migrates at 36 kDa. Plasmodium falciparum (Pf) MBS596166 is used to prepare lateral flow rapid test, on the rapid test, it can specifically be recognized by the antibody (IgG, IgA, IgM) infected by malaria species, Plasmodium falciparum, no cross reaction is observed with the antibody infected by the species Plasmodium vivax. In the development of the rapid test to detect malaria antibody, MBS596166 needs both to conjugate to coilloid gold and coated to the cellular membrane.
Product Categories/Family for Plasmodium Falciparum MSP 1-P36 recombinant protein	PARASITES

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/plasmodium-falciparum-msp-1-p36-recombinant-protein-e-coli-elisa-rapid-test/78030>