

Malaria Pv. MSP1 Recombinant Protein



RPPB5298

Product Information Protein Information

Product SKU:

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Protein description:

Merozoite surface antigen is a protein located on the outside of the merozoite, playing an imperative role in immune reaction. About 45% cases of malaria are infected by Plasmodium vivax (Pv). Pv. MSP1 has to be used with Plasmodium falciparum (Pf) together for ELISA and rapid diagnostic test, Plasmodium falciparum and vivax infection takes about 95% of Plasmodium caused infection. Recombinant Malaria Vivax MSP1 produced in E.coli and fused to a His tag was purified by proprietary chromatographic technique.

Appearance:

Sterile Filtered clear solution.

Formulation:

Sterile Filtered solution containing Phosphate buffered saline, 25mM arginine and 1mM EDTA.

Purity:

Protein is >95% pure as determined by SDS-PAGE.

Stability:

Pv. MSP1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.