

Malaria Pf. MSP1 Recombinant Protein



RPPB5299

Product Information Protein Information

Product SKU:

RPPB5299

Protein description:

Merozoite surface antigen is a protein located on the outside of the merozoite, playing an imperative role in immune reaction. About 55% cases of malaria are infected by Plasmodium falciparum (Pf). Pf MSP1 has to be used with Plasmodium vivax (Pv) together for ELISA and rapid diagnostic test, Plasmodium falciparum and vivax infection takes about 95% of Plasmodium caused infection. Recombinant Malaria Falciparum MSP1 produced in E.coli, is a 62kDa protein fused to a GST tag at N-terminus and purified by proprietary chromatographic technique.

Appearance:

Sterile Filtered clear solution.

Formulation:

Sterile Filtered solution containing 50mM Tris Base and 25mM k2co3.

Purity:

Protein is >90% pure as determined by 10% PAGE (coomassie staining).

Stability:

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