

Malaria Vivax MSP1 Recombinant

Item Number rAP-5440

Synonyms

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

Uniprot Accesion Number

Amino Acid Sequence

Source

Physical Appearance and Stability Sterile Filtered clear solution. Pv. MSP1 although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Formulation and Purity Sterile Filtered solution containing Phosphate buffered saline, 25mM arginine and 1mM EDTA. Protein is >95% pure as determined by SDS-PAGE.

Application Rapid test and Immunoassay.

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**