

Datasheet for ABIN934679 **MST1 Protein**



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MST1
Origin:	Plasmodium vivax
Source:	Plasmodium falciparum
Protein Type:	Recombinant
Application:	ELISA

Product Details

Characteristics:	Purified Recombinant Pv MSP protein Protein Source: Plasmodium falciparum Merozoite Surface Protein
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Target Details

Target:	MST1
Alternative Name:	MSP (MST1 Products)

Background: Plasmodium vivax is a protozoal parasite and a human pathogen. The most frequent and widely distributed cause of recurring (tertian) malaria, P. vivax is one of the four species of malarial parasite that commonly infect humans. It is less virulent than Plasmodium falciparum, which is the deadliest of the four, and is seldom fatal. P. vivax is carried by the female Anopheles mosquito, since it is the only sex of the species that bites.

Alternative Names: Malaria protein, Plasmodium vivax Malaria Recombinant Protein

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Buffer: 10 mM PBS, pH 7.2 with 0.1 % NaN₃.

Preservative: Sodium azide

Precaution of Use: **WARNING:** Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled. Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute azide-containing compounds in running water before discarding to avoid accumulation of potentially explosive deposits in lead or copper plumbing.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -80 °C

Storage Comment: Aliquot and store at -70 °C or lower.
