



# Recombinant *P. vivax* MSP-1 [His] (DAGA-221)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Product Overview</b>	<p><i>P. vivax</i> MSP-1 Recombinant</p> <p>Plasmodium vivax Merozoite Surface Protein 1 (MSP-1), (Malaria) Recombinant</p> <p>Contains a 6 His tag.</p> <p>Molecular weight is 20 kDa</p>
<b>Antigen Description</b>	<p>Plasmodium vivax is a protozoal parasite and a human pathogen. The most frequent and widely distributed cause of recurring (Benign tertian) malaria, <i>P. vivax</i> is one of the five species of malaria parasites that commonly infect humans. It is less virulent than Plasmodium falciparum, the deadliest of the five, but vivax malaria can lead to severe disease and death due to splenomegaly (a pathologically enlarged spleen). <i>P. vivax</i> is carried by the female Anopheles mosquito, since it is only the female of the species that bite.</p>
<b>Nature</b>	Recombinant
<b>Expression System</b>	<i>E. coli</i>
<b>Purity</b>	≥ 95% pure (SDS-PAGE). Metal Affinity Chromatography
<b>Conjugate</b>	His
<b>Applications</b>	ELISA, WB
<b>Molecular Weight</b>	20 kDa
<b>Procedure</b>	None
<b>Format</b>	Liquid
<b>Concentration</b>	Batch dependent - please inquire should you have specific requirements.
<b>Buffer</b>	10 mM Sodium Carbonate, pH 9.0
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C for up to 1 month. Store long term at -70°C. Aliquot to avoid multiple freeze/thaw cycles.

## BACKGROUND

**Keywords**

Plasmodium vivax; Plasmodium vivax pLDH; Malaria; P. vivax pLDH; P. vivax MSP-1; P. vivax MSP1-cap

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