



Recombinant *P. falciparum* CSP [His] (DAG-WT1137)

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

PRODUCT INFORMATION

Product Overview	A DNA sequence encoding the Plasmodium falciparum circumsporozoite protein (a.a.17-315) was expressed with a polyhistidine tag at the C-terminus
Purity	> 95 % as determined by SDS-PAGE
Conjugate	His
Applications	ELISA, WB
Molecular Weight	45 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	50mM NaCl, 50mM Tris, pH8.2
Preservative	None
Storage	Store at -80°C

BACKGROUND

Introduction	The <i>P. falciparum</i> circumsporozoite protein (PfCSP) covers the surface of the sporozoite and is critical to sporozoite development in the mosquito and cell invasion in the mammalian host. PfCSP is the leading pre-erythrocytic vaccine candidate and the basis for the most advanced malaria vaccine, RTS,S (Mosquirix®).
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Keywords

P. falciparum; Plasmodium; Malaria; CSP; Circumsporozoite protein

GENE INFORMATION

UniProt ID

P05691
