



Recombinant *P. falciparum* Circumsporozoite Protein (a.a 19- 424) (DAG1344F)

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.19-424) was expressed with His tags
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	Immunoassays
Molecular Weight	45 kDa
Format	Liquid
Concentration	Batch dependent - please inquire should you have specific requirements
Size	1 mg
Buffer	50mM Tris-HCl, 200mM NaCl, pH8.0, 2M urea
Preservative	None
Storage	Store at -20°C. Avoid multiple freeze/thaw cycles.
Ship	Dry ice

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
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malaria vaccine, RTS,S (Mosquirix®).

Keywords

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

GENE INFORMATION

UniProt ID

Q27246
