

Recombinant Plasmodium falciparum Merozoite surface antigen 2

Catalog No: #AP72940

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Package Size: #AP72940-1 20ug #AP72940-2 100ug #AP72940-3 1mg

Description

Product Name	Recombinant Plasmodium falciparum Merozoite surface antigen 2
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:109-246aaSequence Info:Partial
Other Names	45KDA merozoite surface antigen
Accession No.	P50498
Uniprot	P50498
GeneID	812660;
Calculated MW	16.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	NDAEASTSTSSENPNHKNAETNPKGKGEVQEPNQANKETQNNNSNVQQDSQTKSNVPPTQDADTKSPTAQP EQAENSAPTAEQTESPELQSAPENKGTGQHGHHMHSRNNHPQNTSDSQKECTDGNKENC GAATSLNN
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

May play a role in the merozoite attachment to the erythrocyte.

References

Structural diversity in the 45-kilodalton merozoite surface antigen of Plasmodium falciparum.Smythe J.A., Peterson M.G., Coppel R.L., Saul A.J., Kemp D.J., Anders R.F.Mol. Biochem. Parasitol. 39:227-234(1990)Research Topic:Others

Note: This product is for in vitro research use only