

AMA1 recombinant protein

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CATALOG # AAA224576	HOST Yeast	APPLICATIONS ELISA
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PRODUCT SYNONYMS

AMA1; AMA1 protein; Apical membrane antigen 1 protein; Apical membrane antigen; AMA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	Yeast
Purity/Purification	>90% by SDS-PAGE
Form/Format	Supplied as a liquid in 20mM Tris-HCl, 500mM NaCl, pH 8.0 with 50% glycerol.
Concentration	1.5mg/ml (varies by lot)
Applicable Applications for AMA1 recombinant protein	ELISA
Biohazard	Use laboratory precaution when handling.
Species	Plasmodium falciparum
Protein Type	Recombinant
Expression System	E.coli
Biological Significance	AMA1 is a novel antigen of Plasmodium falciparum which has been cloned. It contains a hydrophobic domain typical of an integral membrane protein. The antigen is designated apical membrane antigen 1 (AMA-1) by virtue of appearing to be located in the apical complex.[1] AMA-1 appears to be transported to the merozoite surface close to the time of schizont rupture.
Preparation and Storage	Ships on dry ice. Upon receipt aliquot store at -20 degree C or -80 degree C. Avoid repeat freeze/thaw cycles. Recommended shelf life: 18 months.

ADDITIONAL INFORMATION

Related Product Information for AMA1 recombinant protein	Recombinant AMA1 protein
Product Categories/Family for AMA1 recombinant protein	Infectious Disease

NCBI AND UNIPROT INFORMATION

NCBI GI #	23496270
NCBI GeneID	810891
NCBI Official Full Name	apical membrane antigen 1, AMA1
NCBI Official Symbol	AMA1
NCBI Official Synonym Symbols	AMA-1; Pf83; RMA-1; RMA1
NCBI Protein Information	apical membrane antigen 1, AMA1

UniProt Protein Name	Apical membrane antigen 1
UniProt Gene Name	PF11_0344
UniProt Entry Name	Q7KQK5_PLAF7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pf11-0344-recombinant-protein-yeast-elisa/224576>