Recombinant Plasmodium Falciparum AMA1 Protein (42-73aa & 227-271aa & 346-407aa & 452-488aa & 525-546aa), His-tagged

Cat. No. AMA1-2188P **Lot. No.** (See product label)

SPECIFICATION

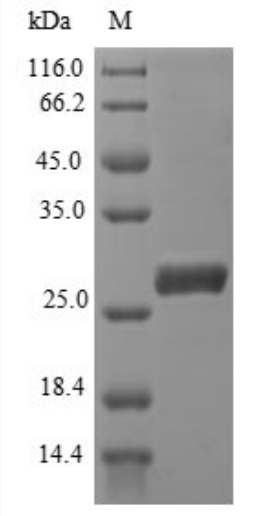
Product Overview	Recombinant Plasmodium Falciparum (isolate FC27/Papua New Guinea) AMA1 Protein (42-73aa & 227-271aa & 346-407aa & 452-488aa & 525-546aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Partial.
Species	Plasmodium Falciparum
Source	E.coli
ProteinLength	42-73aa & 227-271aa & 346-407aa & 452-488aa & 525-546aa
Description	Involved in parasite invasion of erythrocytes.
Form	Tris-based buffer,50% glycerol
Molecular Mass	27.5 kDa
AA Sequence	NEHREHPKEYQYPLHQEHTYQQEDSGEDENTLDNDKNSNYKYPAVYDDKDKKCHILYIAAQENNGPRYCNKDESKRNASDQPKQYEQHLTDYEKIKEGFKNKNASMIKSAFLPTGAFKADRYKSHGKGYNWGNYNTETQKEIERESKRIKLNDNDDEGNKKIIAPRIFISDDKDSLKEEYKDEYADIPEHKPTYDKMK
Purity	> 90% as determined by SDS-PAGE.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

GENE INFORMATION

Synonyms	AMA-1; Merozoite surface antigen;
UniProt ID	P22621



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and

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	15% separation gel.

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