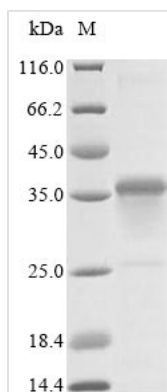




Recombinant Plasmodium falciparum Erythrocyte-binding antigen 175, partial

Product Code	CSB-EP325650PLR
Relevance	Binds to host erythrocytes; may act as bridge between erythrocytes and merozoites.
Abbreviation	Recombinant Plasmodium falciparum Erythrocyte-binding antigen 175 protein, partial
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.
Uniprot No.	P19214
Product Type	Recombinant Protein
Immunogen Species	Plasmodium falciparum (isolate Camp / Malaysia)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	GDDYCQDKTKMIETLKVECKEKPCEDDNCKSKCNSYKEWISKKKEEYNKQAK QYQEYQKGNNYKMYSEFKSIKPEVYLKKYSEKCSNLNFEDEFKEELHSDYKNK CTMCPEVKDVPISIIRNNEQTSQEAVPEENTEIAHRTETPSISEGPKGNEQKER DDDSLKISVSPENSRPETDAKDTSNLLKLKGDVDISMPKA
Research Area	Others
Source	E.coli
Protein Names	Recommended name: Erythrocyte-binding antigen 175 Short name= EBA-175
Expression Region	634-833aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	28.7 kDa
Protein Length	Partial

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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.