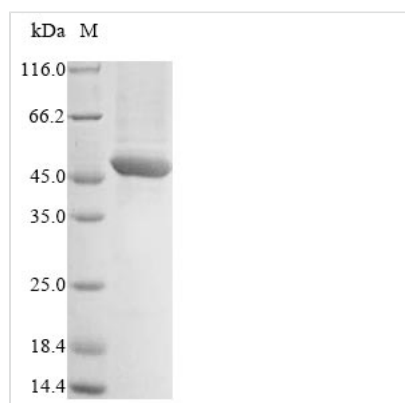




Recombinant Plasmodium falciparum VAR2CSA DBL5

Product Code	CSB-BP2690PLO
Abbreviation	Recombinant Plasmodium falciparum VAR2CSA DBL5 protein
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.	ACM48350.1
Product Type	Recombinant Protein
Immunogen Species	Plasmodium falciparum
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	RCFDDQTKMKVCDLIGDAIGCKDKTKLDELDEWNDMDLRDPYNKYKGVLIIPPR RRQLCFSRIVRGPANLRNLNEFKEEILKGAQSEGKFLGNYYNEDKDKEKKEDR KEKALEAMKNSFYDYEYIIKGS DILENIQFKDIKRKLDKLLTKETNNNTKKAEDW WETNKKSIWNAMLCGYKKSGNKIIDPSWCTIPTTEKTPQFLRWIKEWGTNVC QKEKYKEYVKSECSNVPNNNLGSQASESTKCTSEIRKYQEWSRKRSIQWEAIS ERYKKYKGMDEFKNVFNNANEPDANEYLKEHCSKPCPGFNDMEEITKYTNIG NEAFNTIIEKVKIPAELEDVIYRLKHHEYNSNDY
Research Area	Others
Source	Baculovirus
Expression Region	1-353aa
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 and C-terminal Myc-tagged
Mol. Weight	45.8 kDa
Protein Length	Full Length

Image



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



Description

We are delighted to introduce our Recombinant Plasmodium falciparum VAR2CSA DBL5, a meticulously bioengineered product that mirrors the native VAR2CSA DBL5 protein from Plasmodium falciparum. This recombinant protein leverages advanced molecular biology techniques to ensure a precise and faithful replication of the original.

Our VAR2CSA DBL5 protein is expressed in Baculovirus and spans the full protein length from 1-353 amino acids. The protein is a full-length clone, accurately representing the structure and function of the native VAR2CSA DBL5 protein. To enhance detection and purification, we've incorporated N-terminal 10xHis-tagging and C-terminal Myc-tagging.

The quality of our Recombinant Plasmodium falciparum VAR2CSA DBL5 is exceptional, exhibiting a purity greater than 85% as ascertained by SDS-PAGE. This high level of purity guarantees reliable performance and consistency in your research.

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.