



Recombinant Plasmodium falciparum rhomboid protease (PF3D7_0506900)

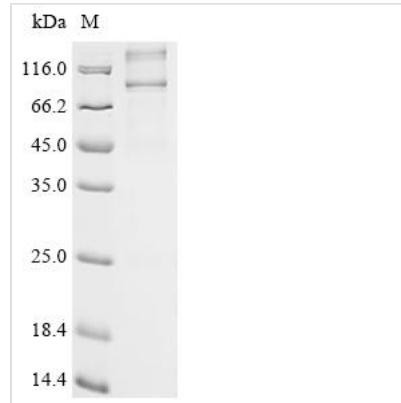
Product Code	CSB-CF5410EWP
Abbreviation	Recombinant Plasmodium falciparum PF3D7_0506900 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8I433
Form	Liquid or Lyophilized powder
Storage Buffer	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
Product Type	Recombinant Plasmodium falciparum rhomboid protease (PF3D7_0506900)
Immunogen Species	Plasmodium falciparum (isolate 3D7)
Sensitivity	Not Test
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	MGSNTGFNPKNAEKKRSSIFSDLEIPQGDVKKKASIFNNMEKKKMTIFKKTKE NNEEKKKRSIFNNNNNNNNNNNTMKINIFNNNNEKKEFSINGDEKKKSFSING DEKKEFSINGDEKKEFLINKDEKKEFLINKDEKEKSFSINGDEKKEFSING DEKKEFSINEDETKKSCSINDDERKISIFSNNEKKKNSIYSDTQSSKREDEKRI SIFSDLETSTNIDDISSKRNSQKLSVYGDNKLKKGSLSPKVDNYRNTIDNINEIN DIKIIVTSDENLHTLPSGAVGRRAPLNPFSPILGKYRRKNKNAKAKVKDPRLNN NPLIGRLTVCISTTAILFWVFFAEMVFNYNTFNGRCISKVLYPIYTENVVLRQPF FVFLGYGACEYNLDESASNRHFIGSKASDEGWPGDKVEENPDGRGYANWDS VNNRVYNLLGGLNTNYIRNYGELYRLFWSMYLHGGFMHILFNVICQIQILWIE PDWGSIRTGLLFFISGVTGNLLSAVCDPCGVTIGSSGSLYGLIGALFAYYIEYWK TIPRCCVLIFMFLVVMFGIIVGMFGYTDNYAHIGGCLGGVLFGFSTITTVSAAD KCTLGERMLVSAPFSWFLSNETKELIAKAKDKKIKGENFRKKQLANKVHKND LHVAMAVMKNRINDEGRPPCRMKLREWIVRITAASTLIIMWIVLFIYLLNEKAYK SYSPLGQIKFSGVHSCYCCQIVKNKFTYIKVNDFYWCFTTEEATRYYCNK
Research Area	Others
Source	in vitro E.coli expression system
Target Names	PF3D7_0506900
Expression Region	1-759aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged



Mol. Weight 88

Protein Length Full Length

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.