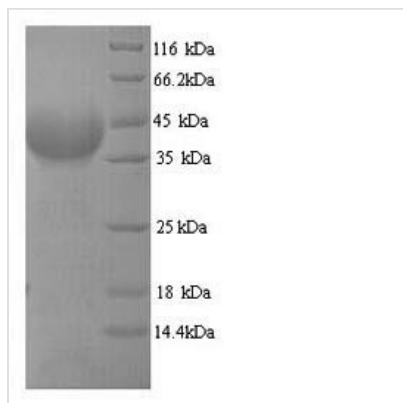




Recombinant Plasmodium falciparum Multidrug resistance protein (MDR1), partial

Product Code	CSB-YP318386PLT
Relevance	Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells.
Abbreviation	Recombinant Plasmodium falciparum MDR1 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.	P13568
Alias	Chloroquine resistance protein
Product Type	Recombinant Protein
Immunogen Species	Plasmodium falciparum (isolate FC27 / Papua New Guinea)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	<p>KGDSENAKLSFEKYYPLMIRKSNIDVRDDGGIRINKNLIKGVDIKDVNFRYISR PNVPIYKNLSFTCDSSKTTAIVGETGSGKSTFMNLLLRFYDLKNDHIILKNDMTN FQDYQNNNNNSLVLKNVNEFSNQSGSAEDYTVFNNGEILLDDINICDYNLRD LRNLFSIVSQEPMLFNMSIYENIKFGREDATLEDVKRVSKFAAIDEFIESLPNKY DTNVGPGYGKSLSGGQKQRIAIARALLREPKILLLDEATSSLDSNSEKLIKTIVDI KDKADKTIITIAHRIASIKRSDKIVVFNNPDRNGTFVQSHGTHDELLSAQDGIYKK YVKLAK</p>
Research Area	Others
Source	Yeast
Target Names	MDR1
Protein Names	Recommended name: Multidrug resistance protein EC= 3.6.3.44 Alternative name(s): Chloroquine resistance protein
Expression Region	1084-1419aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	40.2kDa
Protein Length	Cytoplasmic Domain
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

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