

Recombinant Plasmodium Falciparum MDR1 Protein (1084-1419 aa), His-SUMO-tagged

Cat. No. MDR1-873P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Plasmodium Falciparum (isolate FC27/Papua New Guinea) MDR1 Protein (1084-1419 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Partial.
Species	Plasmodium Falciparum
Source	E.coli
ProteinLength	1084-1419 aa
Description	Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	54.2 kDa
AA Sequence	KGDSENAKLSFEKYYPLMIRKSNIDVRDDGGIRINKNLIKGVKVDKDVNFRYISRPNVPI YKNLSFTCDSSKTTAIVGETGSGKSTFMNLLRFYDLKNDHIILKNDMTNFQDYQNN NNNSLVLKNVNEFSNQSGSAEDYTVFNNNGEILLDDINICDYNLRDLRNLFISVSQEP MLFNMSIYENIKFGREDATLEDVKRVSKFAAIDEFIESLPNKYDTNVGPYGKSLSGGQ KQRIAIARALLREPKILLLDEATSSLDSNSEKLEKTIVDIKDKADKTIITIAHRIASIKRSD KIVVFNNPDRNGTFVQSHGTHDELLSAQDGIYKKYVKLAK

 Tel: 1-631-559-9269 1-516-512-3133

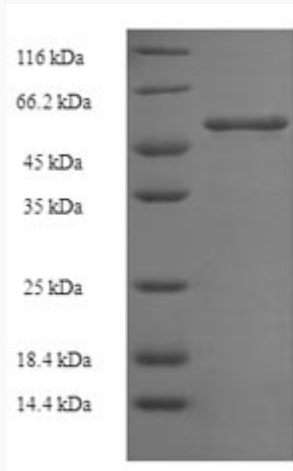
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	> 90% as determined by SDS-PAGE.
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 with concentration instruction is sent along with the products.

GENE INFORMATION

UniProt ID [P13568](#)



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

 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