

Multidrug resistance protein Recombinant Protein | MDR1 recombinant protein

Recombinant Plasmodium falciparum Multidrug resistance protein

CATALOG # AAA18611	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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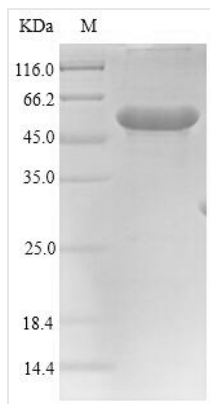
PRODUCT SYNONYMS

Multidrug resistance protein; Recombinant Plasmodium falciparum Multidrug resistance protein; Chloroquine resistance protein; MDR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	1084-1419aa; Cytoplasmic Domain
Sequence	KGDSENAKLS FEKYYPLMIR KSNIDVRDDG GIRINKNLIK GKVDIKDVNF RYISRPNVPI YKNLSFTCDS KKTTAIVGET GSGKSTFMNL LLRFYDLKND HIILKNDMTN FQDYQNNNNN SLVLKNVNEF SNQSGSAEDY TVFNNNGEIL LDDINICDYN LRDLRNLFSI VSQEPMLFNM SIYENIKFGR EDATLEDVKR VSKFAAIDEF IESLPNKYDT NVGPYGKSLG GGQKQRIAIA RALLREPKIL LLDEATSSLD SNSEKLIKT IVDIKDKADK TIITIAHRIA SIKRSDKIVV FNNPDRNGTF VQSHGTHDEL LSAQDGIYKK YVKLAK
Sequence Length	1419
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for MDR1 recombinant protein	Energy-dependent efflux pump responsible for decreased drug accumulation in multidrug-resistant cells.
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References	Amplification of the multidrug resistance gene in some chloroquine-resistant isolates of <i>P. falciparum</i>. Foote S.J., Thompson J.K., Cowman A.F., Kemp D.J. <i>Cell</i> 57:921-930(1989) Amplification of the multidrug resistance gene <i>pfmdr1</i> in <i>Plasmodium falciparum</i> has arisen as multiple independent events. Triglia T., Foote S.J., Kemp D.J., Cowman A.F. <i>Mol. Cell. Biol.</i> 11:5244-5250(1991) Amplification of <i>pfmdr1</i> associated with mefloquine and halofantrine resistance in <i>Plasmodium falciparum</i> from Thailand. Wilson C.M., Volkman S.K., Thaithong S., Martin R.K., Kyle D.E., Milhous W.K., Wirth D.F. <i>Mol. Biochem. Parasitol.</i> 57:151-160(1993)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126936
UniProt Accession #	P13568
Molecular Weight	40.2 kDa
NCBI Official Full Name	Multidrug resistance protein
UniProt Protein Name	Multidrug resistance protein
UniProt Gene Name	MDR1
UniProt Entry Name	MDR_PLAFF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/mdr1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/18611>