

Plasmepsin-1 Recombinant Protein | PF14_0076 recombinant protein

Recombinant Plasmodium falciparum (isolate 3D7) Plasmepsin-1

CATALOG # AAA117281	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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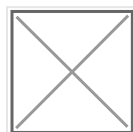
PRODUCT SYNONYMS

Plasmepsin-1; Recombinant Plasmodium falciparum (isolate 3D7) Plasmepsin-1; Aspartic hemoglobinase IPfAPG; PF14_0076 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	125-452aa; Full Length
Sequence	AGDSVTLNDV ANVMYYGEAQ IGDNKQKFAF IFDTGSANLW VPSAQCNTIG CKTKNLYDSN KSKTYEKDGT KVEMNYVSGT VSGFFSKDIV TIANLSFPYK FIEVTDNNGF EPAYTLGQFD GIVGLGWKDL SIGSVDPVVV ELKNQNKIEQ AVFTFYLPFD DKHKGYLTIG GIEDRFYEGQ LTYEKLNHDL YWQVDLDLHF GNLTVEKATA IVDSGTSSIT APTEFLNKFF EGLDVVKIPF LPLYITTCNN PKLPTLEFRS ATNVYTLEPE YYLQQIFDFG ISLCMVSIIPI VDLNKNFTFIL GDPFMRKYFT VFDYDNHTVG FALAKKKL
Sequence Length	452
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 PF14_0076 recombinant protein	Participates in the digestion of the host hoglobin. Initial cleavage at the hinge region of hoglobin, than cleaves at other sites, leading to denaturation of the molecule and to further degradation.
References	Genome sequence of the human malaria parasite Plasmodium falciparum.Gardner M.J., Hall N., Fung E., White O., Berriman M., Hyman R.W., Carlton J.M., Pain A., Nelson K.E., Bowman S., Paulsen I.T., James K.D., Eisen J.A., Rutherford K.M., Salzberg S.L., Craig A., Kyes S., Chan M.-S., Nene V., Shallom S.J., Suh B., Peterson J., Angiuoli S., Pertea M., Allen J., Selengut J., Haft D., Mather M.W., Vaidya A.B., Martin D.M.A., Fairlamb A.H., Fraunholz M.J., Roos D.S., Ralph S.A., McFadden G.I., Cummings L.M., Subramanian G.M., Mungall C., Venter J.C., Carucci D.J., Hoffman S.L., Newbold C., Davis R.W., Fraser C.M., Barrell B.G.Nature 419:498-511(2002)

NCBI AND UNIPROT INFORMATION

NCBI GI #	124808172
NCBI GeneID	811658
NCBI Accession #	XP_001348249.1

NCBI GenBank Nucleotide #	XM_001348213.1
UniProt Accession #	Q7KQM4
Molecular Weight	52.9 kDa
NCBI Official Full Name	plasmepsin I
NCBI Official Symbol	PF14_0076
UniProt Protein Name	Plasmepsin-1
UniProt Gene Name	PF14_0076
UniProt Entry Name	PLM1_PLAF7

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/pf14-0076-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117281>