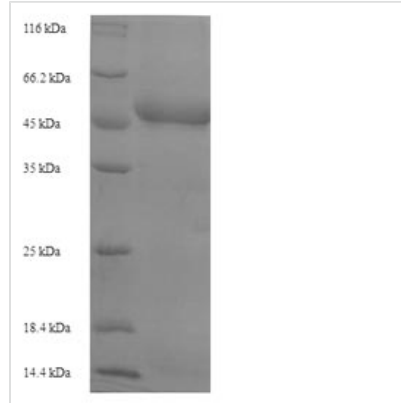




Recombinant Plasmodium falciparum Plasmepsin I (PMI)

Product Code	CSB-EP745322EWP
Relevance	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 .
Abbreviation	Recombinant Plasmodium falciparum PMI 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.	Q7KQM4
Product Type	Recombinant Proteins
Immunogen Species	Plasmodium falciparum (isolate 3D7)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AGDSVTLNDVANVMYYGEAQIGDNKQKFAFIFDTGSANLWVPSAQCNTIGCKT KNLYDSNKSPTYEKDGTKVEMNYVSGTVSGFFSKDIVTIANLSFPYKFIEVTD NGFEPAYTLGQFDGIVGLGWKDLSIGSVDPVVVELKNQNKIEQAVFTFYLPFD DKHKGYLTIGGIEDRFYEGQLTYEKLNHDLYWQVDLHLHFGNLTVEKATAIVDS GTSSITAPTEFLNKFFEGLDVVKIPFLPLYITTCNNPKLPTLEFRSATNVYTTLEPE YYLQQIFDFGISLCMVSIIIPVDLNKNTFILGDPFMRKYFTVFDYDNHTVGFALAK KKL
Research Area	Others
Source	E.coli
Target Names	PMI
Protein Names	Recommended name: Plasmepsin-1 EC= 3.4.23.38Alternative name(s): Aspartic hemoglobinase I PfAPG
Expression Region	125-452aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	52.9kDa
Protein Length	Full Length of Mature Protein
Image	



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

