

Recombinant Plasmodium falciparum (isolate 3D7) PfAPG protein, His-SUMO-tagged

Cat. No. PfAPG-4557P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Plasmodium falciparum (isolate 3D7) PfAPG protein(Q7KQM4)(125-452aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Plasmodium falciparum
Source	E.coli
ProteinLength	125-452aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	52.9 kDa
AA Sequence	AGDSVTLNDVANVMYYGEAQIGDNKQKFAFIFDTGSANLWVPSAQCNTIGCKTKNL YDSNKSPTYEKDGTKVEMNYVSGTVSGFFSKDIVTIANLSFPYKFIEVTDTNNGFEPAY TLGQFDGIVGLGWKDLSIGSVDPVVVELKNQNKIEQAVFTFYLPFDDKHKGYLTIGGI EDRFYEGQLTYEKLNDLYWQVDLDLHFGNLTVEKATAIVDSGTSSITAPTEFLNKFF EGLDVVKIPFLPLYITTCNNPKLPTLEFRSATNVYTLPEYYLQQIFDFGISLCMVSIIPV DLNKNTFILGDPFMRKYFTVFDYDNHTVGFALAKKKL
Purity	Greater than 90% as determined by SDS-PAGE.

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

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

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%.

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