

Recombinant Plasmodium falciparum MSP-1 protein, His-tagged

Cat. No. MSP-1-4196P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Plasmodium falciparum MSP-1 protein(P04932)(937-1260aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Plasmodium falciparum
Source	E.coli
ProteinLength	937-1260aa
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	40.3 kDa
AA Sequence	KSSSENFYEKILKDSDTFYNESFTNFVKSKADDINSLNDESKRKKLEEDINKLKKTQLS FDLYNKYKCLKLERLFDKKKTVGKYKMQIKKLTLLKEQLESKLNSLNNPKHVLQNFVSF FNKKKEAEIAETENTLENTKILLKHYKGLVKYYNGESSPLKTLSEESIQTEDNYASLEN FKVLSKLEGKLDNLNLEKKKLSYLSSGLHHLIAELKEVIKNKNYTGNSPSENNTDVN NALESYKKFLPEGTDVATVVSESGSDTLEQSQPKKPASTHVGAESNTITTSQNVDDDE VDDVIIVPIFGESEEDYDDLQVVTGEAVTPSV
Purity	Greater than 85% as determined by SDS-PAGE.

 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

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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