

Recombinant Plasmodium knowlesi (strain H) SEY1 Full Length Transmembrane protein, His-tagged

Cat. No. SEY1-17P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Plasmodium knowlesi (strain H) SEY1 protein(B3LAJ9)(1-883aa), fused with N-terminal His tag, was expressed in in vitro E. coli expression system.
Species	Plasmodium knowlesi
Source	E.coli
ProteinLength	1-883aa
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	103.5 kDa
AA Sequence	MQMDRKTQIIDYDGNMIADLKEWMIRNKLANLGFNYNVVAILGSQSSGKSTLLNNLF KTSFDVMNTKLGHSQTTQGLWLSFDTFEESPVSPLKGNSTTPINPTLILDVEGND KERGDNRLTFEHRSALFSLALADCLIVNLWYHSLGNFTASNYGLLKTVMEVNLELFQ QDKNCPKTILLFTVRDWFEEFASIDIVKNKIVEEYLNKIWAEMKKPPSAKKANINNYFI VEVVGLSHAIKKTEFLNDVENLRKKWINELRPLQYSRNIPSDGFAHYCNNIWNTIVK QSQLDIPSQKEMPLATFRCQEIKNNVISNTSKMIKEKLTASSSQPTSASIDEFKSWAEK DIVEKSLDEYFVDASRYTESICLKTSSEELLESFLIQLQTIVDNNLNFTQRVLSAKFANEL NTMYSVCTSDKNVFLFSKESNLQVHKDGNNGSNSSKEDKKDENTSQDKCIRLWSSFL

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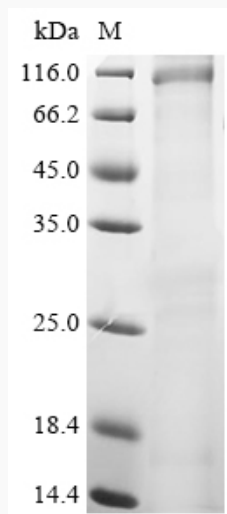
SNADKLEYITFCNFFESYQKCNIEIRKKNKIHEFNYKPSLNILLTSICKDMNRIRNTQFT
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GPGSSVAGISNELFDHDEDNTFHVDSPSEGHRSISDNRTAHENKHYVDENLLNYKKI
DIIKNKGKYISSVSEEIDKQIKNKAISELNYYLDEIMDVLSKLDEISDNLSSIIQRFE
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EVIEKGKNKAKRKIQEICRDAQYIQETGGKMSLKNVPLFFWVILLILGWNELLFFIRFFF
RLNIILPLFLAAVILSTLFFNGNMEVLSTINKVVFFLAKSSFGFYRQLQTMGEKVAQV
PTAD

Purity Greater than 85% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple 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.

SDS-PAGE



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