

Recombinant *Culex quinquefasciatus* (Southern house mosquito) (*Culex pungens*) B0W0I1 protein, His-tagged

Cat. No. B0W0I1-01C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant <i>Culex quinquefasciatus</i> (Southern house mosquito) (<i>Culex pungens</i>) B0W0I1 protein(B0W0I1)(1-393aa), fused with N-terminal His tag, was expressed in <i>E. coli</i> .
Species	<i>Culex quinquefasciatus</i>
Source	<i>E. coli</i>
ProteinLength	1-393aa
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	47.3 kDa
AA Sequence	MKFYELREPMAAVPFILRVLRFSGLLGCPRGLLRFGLSFLGPWLVI GLPKLICGFGSD LGLNVRGYAEVLFCNIDVRMLVFFWHRRKLAEFVEIVQRAFDKVSILSSDSSMYKM ILKSNQMMDKSAKSYVLYTLGTSGVFLVLPALQSCGIYFMNHGNDTVVPKFVTATAH EESGWDVDENIVYYFIHVMLITPMHLLLGLRFATIDTMIFCGVRSTILLFRLVSAKLEKL HKFSGSTLREQFLDVVNLHVDALRCVQILEGIFSFVVMVQLVSTVIWIAMVLCVSNN PNANAINLFVLLILITAQSYILCRLGTELTAESFAVATSSYDCQWIQLPADIRSGVGRIL QRAQKWEGITAAHFFQLDVERFGAMVQTSYSIFVILRERLMHS

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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%. Customers could use it as reference.

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