

# Recombinant *Culex quinquefasciatus* (Southern house mosquito) OBP28 protein, His&Myc-tagged

**Cat. No.** OBP28-03C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                    |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant <i>Culex quinquefasciatus</i> (Southern house mosquito) OBP28 protein(B0XC79)(21-150aa), fused with N-terminal His tag and C-terminal Myc tag, was expressed in Insect Cells.                                          |
| <b>Species</b>          | <i>Culex quinquefasciatus</i>                                                                                                                                                                                                      |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 21-150aa                                                                                                                                                                                                                           |
| <b>Form</b>             | 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. |
| <b>Molecular Mass</b>   | 18.6 kDa                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | DEASDKEQAKEQAKQMLRSMTQKCKEAEGASDDDVEAMIDDVMPESQVQKCFHS<br>CVQQQFGVSDGQKFLQQGFLEIMMMAVGNDQQQGHAEVAEECDGVANEDRC<br>QLAVDIMTCVKQGMKRGMKVDR                                                                                            |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                           |

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**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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