# Recombinant Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh) mpt64 protein, His-tagged

**Cat. No.** mpt64-2292M **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh) mpt64 protein(P9WIN9)(24-228aa), fused to C-terminal His tag, was expressed in Insect Cell. |
| **Species** | Mycobacterium Tuberculosis |
| **Source** | Insect Cells |
| **ProteinLength** | 24-228aa |
| **Form** | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.<br>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0. |
| **Molecular Mass** | 23.5 kDa |
| **AA Sequence** | APKTYCEELKGTDTGQACQIQMSDPAYNINISLPSYYPDQKSLENYIAQTRDKFLSAA TSSTPREAPYELNITSATYQSAIPPRGTQAVVLKVYQNAGGTHPTTTYKAFDWDQAY RKPITYDTLWQADTDPLPVVFPIVQGELSKQTGQQVSIAPNAGLDPVNYQNFAVTND GVIFFFNPGELLPEAAGPTQVLVPRSAIDSMLA |
| **Purity** | Greater than 85% as determined by SDS-PAGE. |

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| **Storage** | Store at -20°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℃/-80℃. Our default final concentration of glycerol is 50%. Customers could use it as reference. |

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