

# Recombinant Full Length Macaca Fascicularis Metallophosphoesterase 1(Mppe1) Protein, His-Tagged

**Cat. No.** RFL5969MF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Full Length Macaca fascicularis Metallophosphoesterase 1(MPPE1) Protein (Q9GMS6) (1-396aa), fused to N-terminal His tag, was expressed in E. coli.                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Macaca fascicularis                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | Full Length (1-396)                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized powder                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MAMIEVGFERQNFYPLKRKSALLLKLIADVFAVLLFCEFLIYYLAIFQCNWPEVKTTAY<br>D GEQASHEPVLKAMFLADTHLLGEFLGHWLDKLRREWQMERALQTALWLLQPEVV<br>FILGDV FDEGKWSTPEAWADDVERFQKMFRHPSHVQLKVVAGNHDIGFHYEMNTY<br>KVERFEKVFSS ERLFSWKGINFVMVNSVAMNGDGCGICSEAEAEELIEVSHRLNCSR<br>EARGSRRCGPGPLLP VSAPVLLQHYPLYRRSDANCSGDDAAPPEERDIPFKENYD<br>VLSREASQKLLWWLQPRVLV SGHTHSACEVHHGGRVPEFSVPSFSWRNRNPNPSFI<br>MGSITPTDYALSKCYLPREDVVLVI YCGAVGFLVVLTLSHLGLLASPFSLGLNLLRKR<br>KTR |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                         |

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|----------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Notes          | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                         |
| Storage        | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                              |
| Storage Buffer | Tris/PBS-based buffer, 6% Trehalose, pH 8.0                                                                                                                                                                                                                                                                                                                                                                 |
| 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. |

## GENE INFORMATION

|            |                                                                                                          |
|------------|----------------------------------------------------------------------------------------------------------|
| Gene Name  | MPPE1                                                                                                    |
| Synonyms   | MPPE1; PGAP5; QccE-17977; QtsA-17896; Metallophosphoesterase 1; Post-GPI attachment to proteins factor 5 |
| UniProt ID | <a href="#">Q9GMS6</a>                                                                                   |

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