

# Recombinant Full Length Human MPPE1 Protein, GST-tagged

Cat. No. MPPE1-6332HF Lot. No. (See product label)

## SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Human MPPE1 full-length ORF ( AAH02877.1, 34 a.a. - 333 a.a.) recombinant protein with GST-tag at N-terminal.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | In Vitro Cell Free System  |
| <b>Protein Length</b>   | 34-333 amino acids   |
| <b>Description</b>      | MPPE1 (Metallophosphoesterase 1) is a Protein Coding gene. GO annotations related to this gene include hydrolase activity and phosphoric diester hydrolase activity.   |
| <b>Molecular Mass</b>   | 58.74 kDa  |
| <b>AA Sequence</b>      | LLFCEFLIYYLAIFQCNWPEVKTTASDGEQTTREPVLKAMFLADTHLLGEFLGHWLDK<br>LRREWQMERAFQTALWLLQPEVVFILGDIFDEGKWSTPEAWADDVERFQKMFRHP<br>SHVQLKVVAGNHDIGFHYEMNTYKVERFEKVFSSERLFSWKGINFVMVNSVALNGD<br>GCGICSETEAELIEVSHRLNCSRELLWWLQPRLVLSGHTHSACEVHHGGRVPELSV<br>PSFSWRNRNPNPSFIMGSITPTDYTLKCYLPREDVVLIIYCGVVGFLVVLTLTHFGLLA<br>SPFLSGLNLLGKRKTR |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production   |

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**Protein Array**

|                       |  |
|-----------------------|--|
| <b>Notes</b>          | Best use within three months from the date of receipt of this protein.   |
| <b>Storage</b>        | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| <b>Storage Buffer</b> | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

**GENE INFORMATION**

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | MPPE1 metallophosphoesterase 1 [ Homo sapiens ]  |
| <b>Official Symbol</b> | MPPE1  |
| <b>Synonyms</b>        | MPPE1; metallophosphoesterase 1; metallo phosphoesterase; post-GPI attachment to proteins factor 5; PGAP5; |
| <b>Gene ID</b>         | 65258  |
| <b>mRNA Refseq</b>     | NM_001242904   |
| <b>Protein Refseq</b>  | NP_001229833   |
| <b>MIM</b>             | 611900   |
| <b>UniProt ID</b>      | Q53F39   |

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