

Recombinant Human PPME1 protein, GST-tagged

Cat. No. PPME1-195H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPME1(2-end) fused with GST tag at N-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	2-end
Description	Protein phosphatase methylesterase 1 (PPME1) conducts the demethylation of the catalytic subunit of protein phosphatase 2A (PP2A) and leads to inactivation of the phosphatase. It is demonstrated that PPME1 binds directly to the active site of PP2A and evicts the manganese ions required for the phosphatase activity. PPME1 is also reported to protect ERK activity in human malignant glioma.
Form	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Molecular Mass	70 kDa
Purity	>90%
Applications	Methyltransferase Assay
Stability	1 year at -70 centigrade from the date of shipment

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Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
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Concentration	0.1µg/µl
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GENE INFORMATION

Gene Name	PPME1 protein phosphatase methylesterase 1 [Homo sapiens]
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Official Symbol	PPME1
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Synonyms	PPME1; protein phosphatase methylesterase 1; PME 1; protein phosphatase methylesterase-1; PME-1; FLJ22226;
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Gene ID	51400
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mRNA Refseq	NM_016147
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Protein Refseq	NP_057231
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MIM	611117
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UniProt ID	Q9Y570
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Chromosome Location	11q13.4
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Function	carboxylesterase activity; hydrolase activity; protein C-terminal methylesterase activity; protein phosphatase 2A binding; protein phosphatase binding; protein phosphatase inhibitor activity; protein phosphatase type 2A regulator activity;
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