

# Recombinant Human PPP4C

**Cat. No.** PPP4C-27640TH    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                      |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant full length Human PPP4C with N terminal proprietary tag, 59.51kDa.                                                                                                       |
| <b>Species</b>                  | Human                                                                                                                                                                                |
| <b>Source</b>                   | Wheat Germ                                                                                                                                                                           |
| <b>ProteinLength</b>            | 308 amino acids                                                                                                                                                                      |
| <b>Description</b>              | Serine/threonine-protein phosphatase 4 catalytic subunit is an enzyme that in humans is encoded by the PPP4C gene.                                                                   |
| <b>Molecular Weight</b>         | 59.510kDa inclusive of tags                                                                                                                                                          |
| <b>Form</b>                     | Liquid                                                                                                                                                                               |
| <b>Purity</b>                   | Proprietary Purification                                                                                                                                                             |
| <b>Storage buffer</b>           | pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl                                                                                                                                |
| <b>Storage</b>                  | Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                            |
| <b>Sequences of amino acids</b> | MAEISDLDRQIEQLRRCELIKESVKALCAKAREILVEES NVQRVDSPVTVCEDIHGQ<br>FYDLKELFRVGGDVPETNYLFM GDFVDRGFYSVETFLLLLALKVRYPDRLIRGNH<br>ESRQI TQVYGFYDECLRKYGSVTWRYCTEIFDYLSLSAIDGKI FCVHGGLSPSIQT |

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LDQIRTIDRKQEVPHDGPMDLLWSDP EDTTGWGVSPRGAGYLFGSDVVAQFNAA  
NDIDMICRAHQL VMEGYKWHFNETVLTVWSAPNYCYRCGNVAAILELDEHLQ KDFI  
IFEAAPQETRGIPSKKPVADYFL

**Sequence**
**Similarities**

Belongs to the PPP phosphatase family. PP-4 (PP-X) subfamily.

## GENE INFORMATION

**Gene Name**

PPP4C protein phosphatase 4, catalytic subunit [ Homo sapiens ]

**Official Symbol**

PPP4C

**Synonyms**

PPP4C; protein phosphatase 4, catalytic subunit; protein phosphatase 4 (formerly X), catalytic subunit; serine/threonine-protein phosphatase 4 catalytic subunit; PP4; PPX; protein phosphatase X; catalytic subunit;

**Gene ID**

5531

**mRNA Refseq**

NM\_002720

**Protein Refseq**

NP\_002711

**MIM**

602035

**Uniprot ID**

P60510

**Chromosome  
Location**

16p11.2

**Function**

NF-kappaB-inducing kinase activity; hydrolase activity; metal ion binding; protein binding; protein serine/threonine phosphatase activity;

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