

Recombinant Human PPP6C

Cat. No. PPP6C-29541TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP6C with N terminal proprietary tag; Predicted MW 59.29 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	305 amino acids
Description	This gene encodes the catalytic subunit of protein phosphatase, a component of a signaling pathway regulating cell cycle progression. Splice variants encoding different protein isoforms exist. The pseudogene of this gene is located on chromosome X.
Molecular Weight	59.290kDa inclusive of tags
Tissue specificity	Ubiquitously expressed in all tissues tested with highest expression levels in testis, heart, kidney, brain, stomach, liver and skeletal muscle and lowest in placenta, lung colon and spleen.
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl

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Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	MAPLDLDKYVEIARLCKYLPENDLKRLCDYVCDLLLEESN VQPVSTPVTVCGDIHGQ FYDLCELFRTGGQVPDTNYIFMG DFVDSGYYSLETFTYLLALKAKWPDRITLLRGNH ESRQIT QVYGFYDECQTKYGNANAWRYCTKVLDMLTVAALIDEQIL CVHGGGLSPDI KTLDQIRTIERNQEIPHKGAFCDLVWSDPE DVDTWAISPRGAGWLFGAKVTNEFVHI NNLKLICRAHQLV HEGYKFMFDEKLVTVWSAPNYCYRCGNIASIMVFKDVNTR EPK LFRAVPDSERVIPPRTTTPYFL
Sequence Similarities	Belongs to the PPP phosphatase family. PP-6 (PP-V) subfamily.
GENE INFORMATION	
Gene Name	PPP6C protein phosphatase 6, catalytic subunit [Homo sapiens]
Official Symbol	PPP6C
Synonyms	PPP6C; protein phosphatase 6, catalytic subunit; serine/threonine-protein phosphatase 6 catalytic subunit; PP6;
Gene ID	5537
mRNA Refseq	NM_001123355
Protein Refseq	NP_001116827
MIM	612725
Uniprot ID	O00743

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Chromosome Location	9q33.3
Function	hydrolase activity; metal ion binding; protein binding; protein serine/threonine phosphatase activity;