

Recombinant Full Length Human PPP5C Protein, GST-tagged

Cat. No. PPP5C-710HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP5C(1 a.a. - 499 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	499 amino acids
Description	This gene encodes a serine/threonine phosphatase which is a member of the protein phosphatase catalytic subunit family. Proteins in this family participate in pathways regulated by reversible phosphorylation at serine and threonine residues; many of these pathways are involved in the regulation of cell growth and differentiation. The product of this gene has been shown to participate in signaling pathways in response to hormones or cellular stress, and elevated levels of this protein may be associated with breast cancer development. Alternative splicing results in multiple transcript variants.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	80.63 kDa
AA Sequence	MAMAEGERTE CAEPPRDEPP ADGALKRAEE LKTQANDYFK AKDYENAIKF YSQAIELNPS NAIYYGNRSL AYL RTECYGY ALGDATRAIE LDKKYIKGYY RRAASNMALG KFRAALRDYE TVVKVKPHDK DAKMKYQECN KIVKQKA FER

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AIAGDEHKRS VVDSLDIISM TIEDEYSGPK LEDGKVTISF MKELMQWYKD
 QKKLHRKCAY QILVQVKEVL SKLSTLVETT LKETEKITVC GDTHGQFYDL
 LNIFELNGLP SETNPYIFNG DFVDRGSFSV EVILTLFGFK LLYPDHFHLL
 RGNHETDNMN QIYGFEDEVK AKYTAQMYEL FSEVFEWLPL AQCINGKVL
 MHGGLFSEDG VTLDDIRKIE RNRQPPDSGP MCDLLWSDPQ PQNGRSISKR
 GVSCQFGPDV TKAFLEENNL DYIIRSHEVK AEGYEVAHGG RCVTVFSAPN
 YCDQMGNKAS YIHLQGSCLR PQFHQFTAVP HPNVKPMAYA NTLQLGMM

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

PPP5C protein phosphatase 5, catalytic subunit [Homo sapiens]

Official Symbol

PPP5C

Synonyms

PPP5C; protein phosphatase 5, catalytic subunit; PPP5; serine/threonine-protein phosphatase 5; PP5; PP-T; protein phosphatase T; PPT; FLJ36922; FLJ55954

Gene ID

5536

mRNA Refseq

NM_001204284

Protein Refseq

NP_001191213

MIM

600658

UniProt ID

P53041

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