

Recombinant Human PPP5C Protein (14-778), N-GST-tagged

Cat. No. PPP5C-10H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length human PP5 protein (14-778) with a N-terminal GST-tag expressed in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	14-778
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.
Molecular Mass	83.8 kDa
Applications	Phosphatase Assay
Storage	6 months at -70 centigrade
Storage Buffer	Protein in 50mM Tris/HCl pH7.5, 300mM NaCl, 0.1mM EGTA, 0.03% Brij-35, 270mM

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sucrose, 1mM benzamidine, 0.2mM PMSF, 0.1% 2-mercaptoethanol. Frozen solution.

GENE INFORMATION

Gene Name	PPP5C protein phosphatase 5 catalytic subunit [Homo sapiens (human)]
Official Symbol	PPP5C
Synonyms	PPP5C; protein phosphatase 5 catalytic subunit; PP5; PPT; PPP5; serine/threonine-protein phosphatase 5; PP-T; protein phosphatase T; EC 3.1.3.16
Gene ID	5536
mRNA Refseq	NM_006247.4
Protein Refseq	NP_006238.1
MIM	600658
UniProt ID	P53041

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