

Recombinant Human PPP5C Protein, His tagged, Biotinylated

Cat. No. PPP5C-176HB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human PPP5C Protein with His tag was expressed in E. coli.
Species	Human
Source	E.coli
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	The protein has a calculated MW of 59 kDa.
AA Sequence	MGSSHHHHHHSSGLVPRGSHMAMAEGERTECAEPPRDEPPADGALKRAEELKTQ ANDYFKAKDYENAIKFYSQAIELNPSNAIYYGNRSLAYLRTECYGYALGDATRAIELD KKYIKGYRRAASNMALGKFRAALRDYETVVKVPHDKDAKMKYQECNKIVKQKAF ERAIAGDEHKRSVVDSLDESMTIEDEYSGPKLEDGKVTISFMKELMQWYKDQKKLH RKCA YQILVQVKEVLSKLSLTVETTLKETEKITVCGDTHGQFYDLLNIFELNGLPSETN PYIFNGDFVDRGSFSVEVILTLFGFKLLYPDHFHLLRGNHETDNMNQIYGFEGEVKAK

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YTAQMYELFSEVFEWLPLAQCINGKVLIMHGGLFSEDGVTLDDIRKIERNRQPPDSG
 PMCDLLWSDPQPQNGRSISKRGVSCQFGPDVTKAFLEENLDYIIRSHEVKAEGYE
 VAHGGRCVTVFSAPNYCDQMGNKASYIHLQGSDLRPQFHQFTAVPHPNVKPMAYA
 NTLLQLGMM

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 3.67 mg/mL by BCA

Storage Buffer Sterile PBS, pH 7.4

Conjugation Biotin

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](#)

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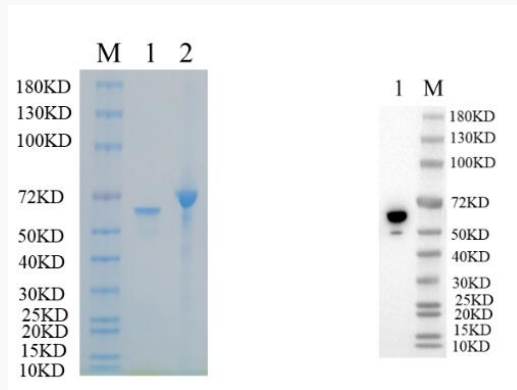
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MIM 600658

UniProt ID P53041

Reducing 12% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal Antibody) analysis profile of purified PPP5C.



1. PPP5C-176HB
2. BSA

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