

Recombinant Full Length Human PPP2CA Protein, C-Flag-tagged

Cat. No. PPP2CA-577HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human PPP2CA Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.4 kDa
AA Sequence	MDEKVFTKELDQWIEQLNECKQLSESQVKS LCEKAKEILTKESNVQEVRCPTVCG DVHGGQFHDLMELFR IGGKSPDTNYLFMGDYVDRGYYSVETVTLLVALKVRYRERITI LRGNHESRQITQVYGFYDECLRKYGNA NVWKYFTDLFDYLPLTALVDGQIFCLHGG LSPSIDTLDHIRALDRLQVEPHEGPMCDLLWSDPDDRGGWG ISPRGAGYTFGQDIS ETFNHANGTLVSRHQLVMEGYNWCHDRNVVTIFSAPNYCYRCGNQAAIMELDD TLKYSFLQFDPAPRRGEPHVTRRTPDYFLTRTRPLEQKLISEEDLAANDILDYKDDDD

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	KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Phosphatase, Transcription Factors
Protein Pathways	Long-term depression, Oocyte meiosis, TGF-beta signaling pathway, Tight junction, Wnt signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	PPP2CA protein phosphatase 2 catalytic subunit alpha [Homo sapiens (human)]
Official Symbol	PPP2CA
Synonyms	RP-C; PP2Ac; PP2CA; NEDLBA; PP2Calpha
Gene ID	5515

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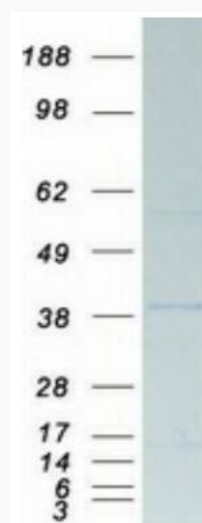
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mRNA Refseq [NM_002715.4](#)

Protein Refseq [NP_002706.1](#)

MIM [176915](#)

UniProt ID [P67775](#)



Coomassie blue staining of purified PPP2CA protein.

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