

Recombinant Human PPP2CA Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PPP2CA-571H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

PPP2CA MS Standard C13 and N15-labeled recombinant protein (NP_002706) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

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.

Molecular Mass

35.6 kDa

AA Sequence

MDEKVFTKELDQWIEQLNECKQLSESQVKSLCEKAKEILTKESNVQEVRCPVTVCG
 DVHGQFHDLMELFRIGGKSPDTNYLFMGDYVDRGYYSVETVLLVALKVRYRERITI
 LRGNHESRQITQVYGFYDECLRKYGNANVWKYFTDLFDYLPLTALVDGQIFCLHGGL
 SPSIDTLDHIRALDRLQVEPHEGPMCDLLWSDPDDRGGWGISPRGAGYTFGQDISE
 TFNHANGLTLVSRHQQLVMEGYNWCHDRNVVTIFSAPNYCYRCGNQAAIMELDDTL
 KYSFLQFDPAPRRGEPHVTRRTPDYFLTRTRPLEQKLISEEDLAANDILDYKDDDDK
 V

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PPP2CA protein phosphatase 2 catalytic subunit alpha [Homo sapiens (human)]
Official Symbol	PPP2CA
Synonyms	PPP2CA; protein phosphatase 2, catalytic subunit, alpha isozyme; protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform; serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2Calpha; protein phosphatase 2A catalytic subunit; alpha isoform; PP2A-alpha; replication protein C; protein phosphatase 2A catalytic subunit, alpha isoform; serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform; RP-C; PP2Ac; PP2CA;
Gene ID	5515
mRNA Refseq	NM_002715
Protein Refseq	NP_002706
MIM	176915

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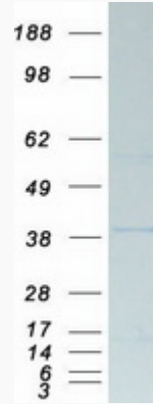
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UniProt ID

P67775

SDS-PAGE



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