

Recombinant Human PPP2CA protein, His-tagged

Cat. No. PPP2CA-1913H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP2CA protein(1-309 aa), fused with His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-309 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MDEKVFTKELDQWIEQLNECKQLSESQVKSLCEKAKEILTKESNVQEVRCPVTVCG DVHGQFHDLMELFRIGGKSPDTNYLFMGDYVDRGYYSVETVTLVALKVRYRERITI LRGNHESRQITQVYGFYDECLRKYGNANVWKYFTDLFDYLPLTALVDGQIFCLHGGL SPSIDTLDHIRALDRLQVEPHEGPMCDLLWSDPDDRGGWGISPRGAGYTFGQDISE TFNHANGLTLVSRAHQLVMEGYNWCHDRNVVTIFSAPNYCYRCGNQAAIMELDDTL KYSFLQFDPAPRRGEPHVTRRTPDYFL
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

PPP2CA protein phosphatase 2, catalytic subunit, alpha isozyme [Homo sapiens]

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

UniProt ID

P67775

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