

Recombinant Human PPP2CB Protein, His-tagged

Cat. No. PPP2CB-2620H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP2CB Protein (Met1-Leu309) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Leu309
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 a beta isoform of the catalytic subunit.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 39.3 kDa Accurate Molecular Mass: 39 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 90%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	PPP2CB protein phosphatase 2, catalytic subunit, beta isozyme [Homo sapiens (human)]
Official Symbol	PPP2CB
Synonyms	PPP2CB; protein phosphatase 2, catalytic subunit, beta isozyme; protein phosphatase 2 (formerly 2A), catalytic subunit, beta isoform; serine/threonine-protein phosphatase 2A catalytic subunit beta isoform; PP2Abeta; protein phosphatase 2A catalytic subunit; beta isoform; PP2A-beta; protein phosphatase type 2A catalytic subunit; protein phosphatase 2, catalytic subunit, beta isoform; protein phosphatase 2A catalytic subunit, beta isoform; serine/threonine protein phosphatase 2A, catalytic subunit, beta isoform; PP2CB;
Gene ID	5516

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mRNA Refseq	NM_001009552
Protein Refseq	NP_001009552
MIM	176916
UniProt ID	P62714
	