

Recombinant Human PPP3CB protein, His-tagged

Cat. No. PPP3CB-3813H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PPP3CB protein(1-525 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-525 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	MAAPEPARAAPPPPPPPPPPGADRVVKAVFPPTHRLTSEEVFDLDGIPRVVDLKN HLVKEGRVDEEIALRIINEGAAILRREKTMIEVEAPITVCGDIHGQFFDLMKLFEVGGS PANTRYLFLGDYVDRGYFSIECVLYLWVLKILYPSTLFLLRGNHECRHLTEYFTFKQE CKIKYSERVYEACMEAFDSLPLAALLNQQLFCVHGGLSPEIHTLDDIRRLDRFKEPPA FGPMCDLLWSDPSEDFGNEKSQEHFSHNTVRGCSYFYNYPAVCEFLQNNNLLSIIR AHEAQDAGYRMYRKSQTTGFPSLITIFSAPNYLDVYNNKAAVLKYENNVNMNIRQFNC SPHPYWLPNFMDFVTWLSLPFVGKEKVTEMLVNVLSICSDDDELMTEGEDQFDVGSA RKEIIRNKIRAIGKMARVFSVLREESESVLTLKGLTPTGMLPSGVLAGGRQTLQSATV EAIEAEKAIRGFSPPHRICSFEEAKGLDRINERMPPRKDAVQQDGFNSLNTAHATEN HGTGNHTAQ
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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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 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	PPP3CB protein phosphatase 3, catalytic subunit, beta isozyme [Homo sapiens]
Official Symbol	PPP3CB
Synonyms	PPP3CB; protein phosphatase 3, catalytic subunit, beta isozyme; CALNB, protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform , protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform (calcineurin A beta); serine/threonine-protein phosphatase 2B catalytic subunit beta isoform; calcineurin A beta; CALNA2; CNA2; PP2Bbeta; protein phosphatase 2B; catalytic subunit; beta isoform; calcineurin A2; CAM-PRP catalytic subunit; protein phosphatase from PCR fragment H32; calmodulin-dependent calcineurin A subunit beta isoform; protein phosphatase 2B, catalytic subunit, beta isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, beta isoform; CALNB;
Gene ID	5532
mRNA Refseq	NM_001142353
Protein Refseq	NP_001135825

MIM	114106
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UniProt ID	P16298
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