

Human PPP3CA Recombinant Protein



RPPB2170

Product Information Protein Information

Product SKU:

RPPB2170

Accession:

Q08209

Host:

Escherichia Coli.

Protein description:

PPP3CA Human Recombinant fused with a 23 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 534 amino acids (1-511 a.a.) and having a molecular mass of 60kDa. The PPP3CA is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform, CAM-PRP catalytic subunit, Calmodulin-dependent calcineurin A subunit alpha isoform, PPP3CA, CALNA, CAN, CALN, CCN1, CNA1, PPP2B, CALNA1.

Formulation:

The PPP3CA solution (0.25 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 0.2M NaCl, 5mM DTT, 1mM EDTA and 20% glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH TGSMSEPKAI DPKLSTTDRV VKAVPFPPSH RLTAKEVFDN DGKPRVDILK
AHLMKEGRLE ESVALRIITE GASILRQEKD LLDIDAPVTV CGDIHGQFFD LMKLFEVGGG PANTRYLFLG
DYVDRGYFSI ECVLYLWALK ILYPKTLFLL RGNHECRHLT EYFTFKQECK IKYSERVYDA CMDAFDCLPL
AALMNQQFLC VHGGLSPEIN TLDDIRKLDL FKEPPAYGPM CDILWSDPLE DFGNEKTQEH FTHNTVRGCS
YFYSYPAVCE FLQHNNLLSI LRAHEAQDAG YRMYRKSQTT GFPSLITIFS APNYLDVYNN KAAVLKYENN
VMNIRQFNCS PHPYWLPNFM DVFTWSLPFV GEKVTEMLVN VLNICSDDEL GSEEDGFDGA TAAARKEVIR
NKIRAIGKMA RVFVLRRES ESVLTLKGLT PTGMLPSGVL SGGKQTLQSA IKGFSQHKI TSFEEAKGLD
RINERMPPRR DAMPSDANLN SINKALTSET NGTDSNGSNS SNIQ.