

32-6999: PRKAR2A Human

Alternative Name : cAMP-dependent protein kinase type II-alpha regulatory subunit, PKR2, PRKAR2.

Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

cAMP-dependent protein kinase type II-alpha regulatory subunit (PRKAR2A) can be phosphorylated by the activated catalytic subunit. PRKAR2A interacts with numerous A-kinase anchoring proteins and regulates the subcellular localization of cAMP-dependent protein kinase.

PRKAR2A Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 434 amino acids (1-404 a.a) and having a molecular mass of 48.6kDa. PRKAR2A is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount : 5 µg / 20 µg

Purification : Greater than 85.0% as determined by SDS-PAGE.

Content : PRKAR2A protein solution (0.5mg/ml) in Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Storage condition : 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 : MGSSHHHHHH SGLVPRGSH MGSMSHIQIP PGLTELLQGY TVEVLRQPPP DLVEFAVEYF TRLREARAPA SVLPAATPRQ SLGHPPPEPG PDRVADAKGD SESEDEDLE VPVPSRFNRR VSVCAETYNP DEEEDTDPR VIHPKTDEQR CRLQEACKDI LLFKNLDQEQ LSQVLDAMFE RIVKADEHVI DQGDDGDNFY VIERGTYDIL VTKDNQTRSV GQYDNRGSFG ELALMYNTPR AATIVATSEG SLWGLDRVTF RRIIVKNNAK KRKMFESFIE SVPLLSLEV SERMKIVDVI GEKIYKDGER IITQGEKADS FYIIESGEVS ILIRSRTKSN KDGGNQEVEI ARCHKGQYFG ELALVTNKPR AASAYAVGDV KCLVMDVQAF ERLGPCMDI MKRNISHYEE QLVKMFSSV DLGNLGQ.