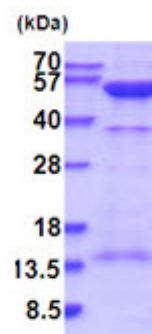


AR51870PU-N

Human PRKAR2A (1-404, His-tag) - Purified

Alternate names:	PKA R2, PKA RII, PKR2, PRKAR2, cAMP-dependent protein kinase type II-alpha regulatory subunit, protein kinase A RII-alpha
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	PRKAR2A also known as cAMP-dependent protein kinase type II-alpha regulatory subunit. This subunit can be phosphorylated by the activated catalytic subunit. It may interact with various A-kinase anchoring proteins and determine the subcellular localization of cAMP-dependent protein kinase.
Uniprot ID:	P13861
NCBI:	NP_004148
GeneID:	5576
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT.
Description:	Recombinant human PRKAR2A, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SGLVPRGSH MGSMHIQIP PGLTELLQGY TVEVLRQPP DLVEFAVEYF TRLREARAPA SVLPAATPRQ SLGHPPPEPG PDRVADAKGD SESEEDLE VPVPSRFNRR VSVCAETYNP DEEEEDTDPRIHPKTDEQR CRLQEACKDI LLFKNLDQEQ LSQVLDAMFE RIVKADEHVI DQGDDGDNFY VIERGTYDIL VTKDNQTRSV GQYDNRGSFG ELALMYNTPR AATIVATSEG SLWGLDRVTF RRIIVKNNAK KRKMFESEFIE SVPLLSLEV SERMKIVDVI GEKIYKDGGER IITQGEKADS FYIIESGEVS ILIRSRTKSN KDGGNQEVEI ARCHKGQYFG ELALVTNKPR AASAYAVGDV KCLVMDVQAF ERLLGPCMDI MKRNISHYEE QLVKMFSSV DLGNLGQ Molecular weight: 48.6 kDa (434aa) confirmed by MALDI-TOF
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Yang H., et al. (2013) J. Biol. Chem. 288 (12), 8737-8749

Pictures:



15% SDS-PAGE (3ug)