

Human PRKACA Recombinant Protein



RPPB2632

Product Information Protein Information

Product SKU:

RPPB2632

Accession:

P17612

Host:

Sf9, Baculovirus cells.

Protein description:

PRKACA Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 578 amino acids (1-351 a.a.) and having a molecular mass of 67kDa (Migrates at 50-70kDa on SDS-PAGE under reducing conditions). PRKACA is expressed with a 227 amino acid GST Tag at N-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

cAMP-dependent protein kinase alpha-catalytic subunit, EC 2.7.11.11, PKA C-alpha, PKACA, PRKACA, MGC48865, MGC102831.

Formulation:

PRKACA protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 85% 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:

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPPYID GDVKLTQSMA
IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV DFLSKLPEML KMFEDRLCHK
TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA WPLQGWQATF
GGGDHPPKSD LVPRGSHMGN AAAAKKGSEQ ESVKEFLAKA KEDFLKKWES PAQNTAHLAQ FERIKTGTG
SFGRVMLVKH KETGNHYAMK ILDKQKVVKL KQIEHTLNEK RILQAVNFPF LVKLEFSFKD NSNLYMVMEY
VPGGEMFSLH RRIGRFSEPH ARFYAAQIVL TFEYLHSLDL IYRDLKPENL LIDQQGYIQV TDFGFAKRVK
GRTWTLCGTP EYLAPEIILS KGYNKAVDWW ALGVLIYEMA AGYPPFFADQ PIQIYEKIVS GKVRFP SHFS
SDLKDLLRNL LQVDLTKRFG NLKNGVNDIK NHKWFATTDW IAIYQRKVEA PFIPKFKGPG DTSNFDDYEE
EEIRVSINEK CGKEFSEF.