

Human PRKAA1 Recombinant Protein



RPPB2627

Product Information Protein Information

Product SKU:

RPPB2627

Accession:

Q13131

Host:

E.coli.

Protein description:

PRKAA1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 302 amino acids (1-279a.a) and having a molecular mass of 34.3kDa. PRKAA1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

5'-AMP-activated protein kinase catalytic subunit alpha-1, Protein Kinase, AMP-Activated, Alpha 1, PRKAA1, AMPK subunit alpha-1, Acetyl-CoA carboxylase kinase, ACACA kinase, Hydroxymethylglutaryl-CoA reductase kinase, HMGCR kinase, Tau-protein kinase PRKAA1, AMPK1, 5-AMP-activated protein kinase catalytic subunit alpha-1 isoform 1, AMPK, AMPKa11.

Formulation:

PRKAA1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0) 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:

MGSSHHHHHH SGLVPRGSH MGSRRLLSSW RKMATAEKQK HDGRVKIGHY ILGDTLGVGT FGKVKVGKHE
LTGHKVAVKI LNRQKIRSLD VVGKIRREIQ NLKLFRRPHI IKLYQVISTP SDIFMVMYEV SGGELFDYIC
KNGRLDEKES RRLFQQILSG VDYCHRHMVV HRDLKPENVL LDAHMNAKIA DFGLSNMMSD GEFLRTSCGS
PNYAAPAVIS GRLYAGPEVD IWSSGVILYA LLCGTLPFDD DHVPTLFKKI CDGIFYTPQY LNPSVISLLK
HMLQVDPMKR ATIKDIREHE WF.