

RPPB2436

Product Information Protein Information

Product SKU:

RPPB2436

Accession:

P31749

Host:

Escherichia Coli.

Protein description:

AKT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 503 amino acids (1-480 a.a) and having a molecular mass of 58.1kDa. AKT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile filtered colorless solution.

Synonyms:

V-Akt Murine Thymoma Viral Oncogene Homolog 1, Protein Kinase B Alpha, Proto-Oncogene C-Akt, RAC-PK-Alpha, EC 2.7.11.1, PKB Alpha, CWS6, PKB, RAC, RAC-Alpha Serine/Threonine-Protein Kinase, Rac Protein Kinase Alpha, Protein Kinase B, PKB-ALPHA, RAC-ALPHA, EC 2.7.11, AKT1m, PRKBA, AKT, RAC-alpha serine/threonine-protein kinase.

Formulation:

AKT1 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) 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 MGSMSDVAIV KEGWLHKRGE YIKTWRPRYF LLKNDGTFIG YKERPDVDQ
REAPLNNFSV AQCQLMKTER PRPNTFIIRC LQWTTVIERT FHVETPEERE EWTTAIQTVA DGLKKQEEEE
MDFRSGSPSD NSGAEEMEVS LAKPKHRVTM NEFEYLKLLG KGTFGKVLV KEKATGRYYA MKILKKEVIV
AKDEVAHTLT ENRVLQNSRH PFLTALKYSF QTHDRLCFVM EYANGGELFF HLSRERVFSE DRARFYGAEI
VSALDYLHSE KNVVYRDLKL ENLMLDKDGH IKITDFGLCK EGIKDGATMK TFCGTPEYLA PEVLEDNDYG
RAVDWWGLGV VMYEMMCGRL PFYNQDHEKL FELILMEEIR FPRTLGPPEAK SLLSGLLKKD PKQRLGGGSE
DAKEIMQHRF FAGIVWQHVV EKKLSPPFKP QVTSETDTRY FDEEFTAQMI TITPPDQDDS MECVDSERRP
HFPQFSYSAS GTA.