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32-13702: AKT3 Human

Format :	The AKT3 solution (0.25mg/ml) contains PBS (pH7.4) and 10% glycerol.
Alternative Name :	RAC-gamma serine/threonine-protein kinase, Protein kinase Akt-3, Protein kinase B gamma, PKB gamma, RAC-PK-gamma, STK-2, AKT3, PKBG.

Description

Source:HEK293 Cells.
Physical Appearance:Sterile Filtered colorless solution.
Biological Activitynull
AKT Serine/Threonine Kinase 3 (Akt3) is a member of the Akt subfamily of serine/threonine protein kinases. Akt3is 1/3 closely related serine/threonine-protein kinases (Akt1, Akt2 and Akt3) called the Akt kinase and which regulate various processes including proliferation, metabolism, cell survival, growth and angiogenesis. The mentioned above is mediated through serine and/or threonine phosphorylation of a range of downstream substrates. Akt3 takes part in brain development and is critical for the viability of malignant glioma cells.
AKT3 Human Recombinant produced in HEK293 Cells is a single, glycosylated polypeptide chain containing 485 amino acids (1-479a.a) and having a molecular mass of 56.5kDa.AKT3 is fused to a 6 amino acid His-tag at C-terminus and is purified by proprietary chromatographic techniques.

Product Info

Amount :	20 µg / 5 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
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 :	MSDVTIVKEG WVQKRGEYIK NWRPRYFLLK TDGSFIGYKE KPQDVDLPYP LNNFSVAKCQ LMKTERPKPN TFIIRCLQWT TVIERTFHVD TPEEREEWTE AIQAVADRLQ RQEEERMNCS PTSQIDNIGE EEMDASTTHH KRKTMNDFDY LKLLGKGTFG KVILVREKAS GKYYAMKILK KEVIIAKDEV AHTLTESRVL KNTRHPFLTS LKYSFQTKDR LCFVMEYVNG GELFFHLSRE RVFSEDRTRF YGAEIVSALD YLHSGKIVYR DLKLENLMLD KDGHIKITDF GLCKEGITDA ATMKTFCGTP EYLAPEVLED NDYGRAVDWW GLGVVMYEMM CGRLPFYNQD HEKLFELILM EDIKFPRTLS SDAKSLLSGL LIKDPNKRLG GGPDDAKEIM RHSFFSGVNW QDVYDKKLVP PFKPQVTSET DTRYFDEEFT AQTITITPPE KYDEDGMDCM DNERRPHFPQ FSYSASGREH HHHHH.

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