

## Protein Kinase B Alpha Human Recombinant, Sf9

<b>Item Number</b>	rAP-1645
<b>Synonyms</b>	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
<b>Description</b>	AKT1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 488 amino acids (1-480a.a.) and having a molecular mass of 56.7kDa. (Molecular size on SDS-PAGE will appear at
<b>Uniprot Accession Number</b>	P31749
<b>Amino Acid Sequence</b>	MSDVAIVKEG WLHKRGEYIK TWRPRYFLLK NDGTFIGYKE RPQDVDQREA PLNNFSVAQC QLMKTERPRP NTFIIRCLQW TTVIERTFHV ETPEEREEWT TAIQTVADGL KKQEEEEEMDF RSGSPSDNSG AEEMEVSLAK PKHRVTMNEF EYLKLLGKGT FGKVLVKEK ATGRYYAMKI  LKKEVIVAKD EVAHTLTENR VLQNSRHPFL TALKYSFQTH DRLCFVMEYA NGGELFFHLS RERVFSEDRA RFYGAEIVSA LDYLVHSEKNV VYRDLKLENL MLDKDGHKI TDFGLCKEGI KDGATMKTFC GTPEYLAPEV LEDNDYGRAV DWWWGLGVVVMY EMMCGRLPFY NQDHEKLFEL
<b>Source</b>	Sf9, Baculovirus cells.
<b>Physical Appearance and Stability</b>	Sterile filtered colorless solution. 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.
<b>Formulation and Purity</b>	AKT1 protein solution (0.5mg/ml) contains phosphate buffered saline (pH7.4) and 20% glycerol. Greater than 90.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**