

Protein Kinase C alpha Human Recombinant

Item Number	rAP-1655
Synonyms	Protein kinase C alpha type, EC 2.7.11.13, PKC-alpha, PKC-A, PRKCA, AAG6, PKCA, PRKACA, MGC129900, MGC129901.
Description	Protein Kinase C alpha Human Recombinant produced in Sf9 is a glycosylated, polypeptide chain containing amino acids 2-672 and having a molecular mass of 76.7 KD. This protein is the full-length form of the protein with an amino terminal poly His-tag. PKC-a is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P17252
Amino Acid Sequence	MADVYPGNDSTASQDVANRFARKGALRQKNVHEVKDHKFIARFFKQPTFC SHCTDFIWGF GKQGFQCQVC CFVVHKRCHE FVTFSCPGAD KGPDTDDPRS KHKFKIHTYG SPTFCDHCGS LLY- GLIHQGM KCDTCDMNVH KQCVINPVL CGMDHTEKRG RIYLKAEVAD EKLHVTVRDA KNLPMDPNG LSDPYVKLKL IPDPKNESKQ KTKTIRSTLN PQWNESFTFK LKPSDKDRRL SVEIWDWDRT TRNDFMGSLSGVSELMKMP ASGWYKLLNQ EEGEYNNVPI PEGDEEGNME LRQKFEKAKL GPAGNKVISP SEDRKQPSNN LDRVKLTDNF FLMVLGKGSF GKVMLADRKG TEELYAIKIL KKD- VIQDDD VECTMVEKRV LALLDKPPFL TQLHSCFQTV DRLYFVMEYV NGGDLMYHIQ QVGKFEKPA VFYAAEISIG LFFLHKRGII YRDLKLDNVM LDSEGHKIA DFGMCKEHMM DGVTTTRTFCTPDYIAPEII
Source	Sf9 insect cells.
Physical Appearance and 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. Avoid multiple freeze-thaw cycles.
Formulation and Purity	Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	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**