



IVTScrip™ mRNA-Human PKC-alpha, (Cap 1, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK6815MR

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product overview

This product GTTS-WK6815MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & 5-Methyl-CTP. It encodes the PKC-alpha protein. This product can be used in -related researches.

Specifications

Modified bases	5-Methyl-CTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_002737
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

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GENE INFORMATION

Alternative Names	PKCA; MGC129900; MGC129901
Description	This gene is a protein coding gene. Exhibits enzyme binding activity and histone kinase activity (H3-T6 specific). Involved in several processes, including desmosome assembly; histone H3-T6 phosphorylation; and positive regulation of lipopolysaccharide-mediated signaling pathway. Localizes to cytosol; endoplasmic reticulum; and plasma membrane. Implicated in dilated cardiomyopathy; large cell carcinoma; malignant glioma (multiple); and reproductive organ cancer (multiple). Biomarker of ductal carcinoma in situ; endometrial carcinoma; ovarian carcinoma; and urinary bladder cancer.