



IVTScrip™ mRNA-Human ATF4, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK3434MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK3434MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It encodes the ATF4 protein. This product can be used in -related researches.

Specifications

Modified bases	5-Methyl-CTP & Pseudo-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_182810
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

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GENE INFORMATION

Alternative Names	CREB2
Description	This gene is a protein coding gene. Exhibits several functions, including DNA-binding transcription factor activity, RNA polymerase II-specific; RNA polymerase II transcription factor binding activity; and leucine zipper domain binding activity. Involved in several processes, including HRI-mediated signaling; negative regulation of oxidative stress-induced neuron death; and positive regulation of gene expression. Localizes to several cellular components, including CHOP-ATF4 complex; Lewy body core; and nucleus. Colocalizes with centrosome. Implicated in prostate carcinoma.