



IVTScrip™ mRNA-Human RPE65, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4414MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK4414MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methoxy-UTP. It encodes the RPE65 protein. This product can be used in -related researches.

Specifications

Modified bases	5-Methoxy-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_000329
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

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GENE INFORMATION

Alternative Names	mRPE65; BCO3; RP20
Description	This gene is a protein coding gene. Exhibits all-trans-retinyl-palmitate hydrolase, 11-cis retinol forming activity and isomerase activity. Involved in detection of light stimulus involved in vision; retina homeostasis; and terpenoid metabolic process. Localizes to endoplasmic reticulum membrane. Implicated in Leber congenital amaurosis 2; retinitis pigmentosa; and retinitis pigmentosa 20. Biomarker of basal cell carcinoma and squamous cell carcinoma.