



IVTScrip™ mRNA-Human VEGFR-2, (Cap 1, 5-Methyl-CTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4886MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK4886MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methyl-CTP. It encodes the VEGFR-2 protein. This product can be used in -related researches.

Specifications

Modified bases	5-Methyl-CTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_002253
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

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GENE INFORMATION

Alternative Names	VEGFR2; CD309; FLK1
Description	This gene is a protein coding gene. Exhibits several functions, including cell adhesion molecule binding activity; vascular endothelial growth factor binding activity; and vascular endothelial growth factor-activated receptor activity. Involved in several processes, including angiogenesis; positive regulation of endothelial cell migration; and protein phosphorylation. Localizes to several cellular components, including Golgi apparatus; endosome; and membrane raft. Implicated in artery disease (multiple); macular degeneration (multiple); pancreatic cancer; and urinary bladder cancer. Biomarker of several diseases, including breast cancer (multiple); cerebrovascular disease (multiple); eye disease (multiple); inflammatory bowel disease (multiple); and systemic scleroderma (multiple).