



IVTScrip™ mRNA-Human CXCR4, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK1683MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK1683MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It encodes the CXCR4 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_003467
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

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GENE INFORMATION

Alternative Names	D2S201E; LCR1; fusin; NPYR; WHIM; NPYRL; LAP3; HM89
Description	This gene is a protein coding gene. Exhibits several functions, including C-X-C motif chemokine 12 receptor activity; cytoskeletal protein binding activity; and ubiquitin protein ligase binding activity. Involved in several processes, including CXCL12-activated CXCR4 signaling pathway; positive regulation of macrophage migration inhibitory factor signaling pathway; and response to hypoxia. Localizes to several cellular components, including cell surface; endosome; and lysosome. Implicated in WHIM syndrome; hematologic cancer (multiple); leukopenia; osteoporosis; and pancreatic adenocarcinoma. Biomarker of Hermansky-Pudlak syndrome; acute myeloid leukemia; paroxysmal nocturnal hemoglobinuria; and ulcerative colitis.