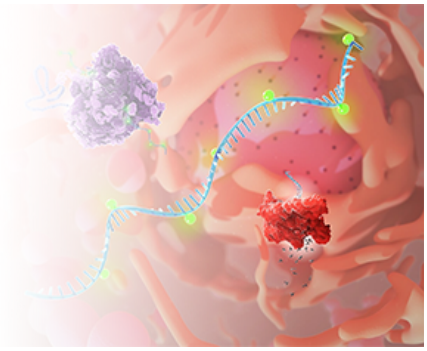

IVTScrip™ mRNA-Human SMAD3, (Cap 0, 5-Methyl-CTP, 120 nt-poly(A))

Cat. No.: GTTS-WK1363MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK1363MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP. It ecodes th e SMAD3 protein. This product can be used in -related researches.

Specifications

Modified bases	5-Methyl-CTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_001145102
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	oligo-dT affinity purification

SPECIFICATIONS

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Species	Human
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Purification	oligo-dT affinity purification

GENE INFORMATION

Alternative Names	MADH3; HsT17436; LDS1C; hMAD-3; MAD
Description	This gene is a protein coding gene. Exhibits several functions, including SMAD binding activity; enzyme binding activity; and transcription factor binding activity. Involved in several processes, including cell surface receptor signaling pathway; negative regulation of cell cycle; and positive regulation of nitrogen compound metabolic process. Localizes to cytosol; nucleus; and receptor complex. Implicated in Loeys-Dietz syndrome 3; Lynch syndrome; and pancreatic cancer. Biomarker of cervical squamous cell carcinoma; endometrial cancer; and prostate cancer.

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