



## IVTScrip™ mRNA-Human CD292, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK1572MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK1572MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It encodes the CD292 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	5-Methyl-CTP & Pseudo-UTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_0022112
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	oligo-dT affinity purification

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## GENE INFORMATION

<b>Alternative Names</b>	ACVRLK3; BMPR-1A
<b>Description</b>	This gene is a protein coding gene. Exhibits several functions, including ATP binding activity; SMAD binding activity; and protein homodimerization activity. Involved in several processes, including positive regulation of ossification; positive regulation of transmembrane receptor protein serine/threonine kinase signaling pathway; and positive regulation of vascular associated smooth muscle cell proliferation. Localizes to external side of plasma membrane. Colocalizes with caveola. Implicated in hereditary mixed polyposis syndrome 2; intestinal disease; and juvenile polyposis syndrome. Biomarker of pulmonary hypertension.