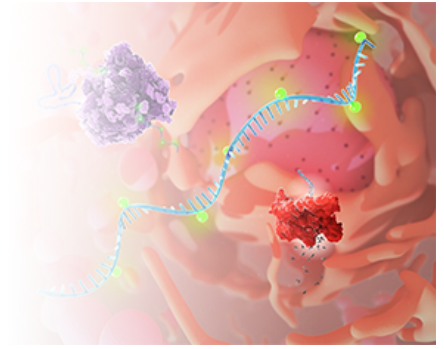




## IVTScrip™ mRNA-Human CD292, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4272MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK4272MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methoxy-UTP. It encodes the CD292 protein. This product can be used in -related researches.

#### Specifications

|                |                                |
|----------------|--------------------------------|
| Modified bases | 5-Methoxy-UTP                  |
| 5' Cap         | Cap 1                          |
| Species        | Human                          |
| RefSeq         | NM_0022112                     |
| Applications   | Gene therapy research          |
| Format         | Powder                         |
| Quantity       | 100 µg                         |
| Purification   | oligo-dT affinity purification |

#### SPECIFICATIONS

|                       |                                |
|-----------------------|--------------------------------|
| <b>Modified bases</b> | 5-Methoxy-UTP                  |
| <b>5' Cap</b>         | Cap 1                          |
| <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 |

## 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; SMA D binding activity; and protein homodimerization activity. Involved in several processes, including p ositive regulation of ossification; positive regulation of transmembrane receptor protein serine/thre onine 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. Bi omarker of pulmonary hypertension. |