



## IVTScrip™ mRNA-Human CD28, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK3553MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK3553MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It encodes the CD28 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_001243077                   |
| Applications   | Gene therapy research          |
| Format         | Powder                         |
| Quantity       | 100 µg                         |
| Purification   | oligo-dT affinity purification |

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|                       |                                |
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## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | Tp44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>       | This gene is a protein coding gene. Exhibits protease binding activity. Involved in several processes, including positive regulation of T cell proliferation; positive regulation of cytokine production; and regulatory T cell differentiation. Localizes to external side of plasma membrane and protein complex involved in cell adhesion. Implicated in multiple sclerosis and type 1 diabetes mellitus. Biomarker of several diseases, including autoimmune disease (multiple); chronic fatigue syndrome; diabetic angiopathy; lung disease (multiple); and respiratory syncytial virus infectious disease. |