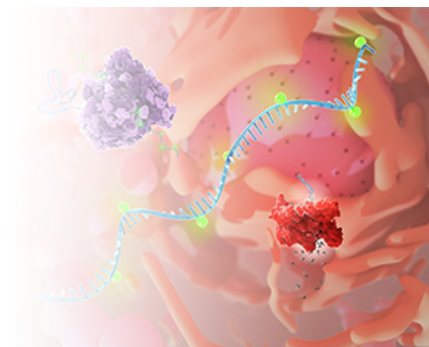




## IVTScrip™ mRNA-Human CD71, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4448MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK4448MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methoxy-UTP. It encodes the CD71 protein. This product can be used in -related researches.

#### Specifications

|                |                                |
|----------------|--------------------------------|
| Modified bases | 5-Methoxy-UTP                  |
| 5' Cap         | Cap 1                          |
| Species        | Human                          |
| RefSeq         | NM_001313965                   |
| 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_001313965                   |
| <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> | T9; TR; CD71; TFR; TFR1; TRFR                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>       | This gene is a protein coding gene. Exhibits several functions, including double-stranded RNA binding activity; protein homodimerization activity; and transferrin receptor activity. Involved in several processes, including negative regulation of mitochondrial fusion; positive regulation of lymphocyte activation; and positive regulation of macromolecule metabolic process. Localizes to several cellular components, including HFE-transferrin receptor complex; clathrin-coated pit; and endosome. Implicated in breast carcinoma; immunodeficiency 46; multiple myeloma; and ovarian cancer. Biomarker of breast cancer; carcinoma (multiple); iron deficiency anemia; and prostate cancer. |