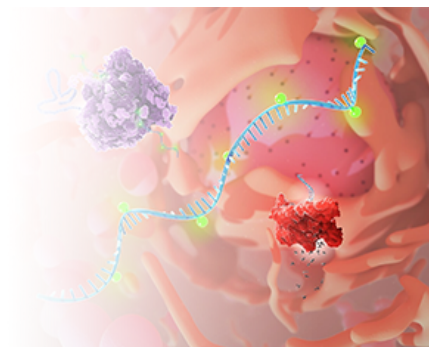




## IVTScrip™ mRNA-Human COL11A1, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4243MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK4243MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methoxy-UTP. It encodes the COL11A1 protein. This product can be used in -related researches.

#### Specifications

|                |                                |
|----------------|--------------------------------|
| Modified bases | 5-Methoxy-UTP                  |
| 5' Cap         | Cap 1                          |
| Species        | Human                          |
| RefSeq         | NM_001190709.1                 |
| 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_001190709.1                 |
| <b>Applications</b>   | Gene therapy research          |
| <b>Format</b>         | Powder                         |
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| <b>Purification</b>   | oligo-dT affinity purification |

## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | STL2; DFNA37; CO11A1                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>       | This gene is a protein coding gene. Predicted to have extracellular matrix structural constituent. Involved in detection of mechanical stimulus involved in sensory perception of sound; endodermal cell differentiation; and visual perception. Localizes to collagen type XI trimer. Implicated in Marshall syndrome; Stickler syndrome 2; autosomal dominant nonsyndromic deafness; and fibrochondrogenesis 1. |