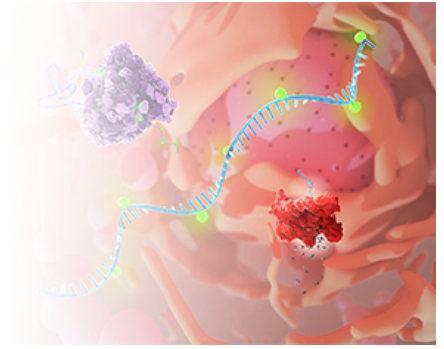




## IVTScrip™ mRNA-Human A4GALT, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK9610MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK9610MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the A4GALT protein. This product can be used in Endothelial cell-related researches.

#### Specifications

|                |                       |
|----------------|-----------------------|
| Modified bases | 5-Methoxy-UTP         |
| 5' Cap         | Cap 0                 |
| Species        | Human                 |
| RefSeq         | NM_001318038.3        |
| Applications   | Gene therapy research |
| Format         | Powder                |
| Quantity       | 100 µg                |
| Purification   | Chromatography        |

#### SPECIFICATIONS

|                       |                       |
|-----------------------|-----------------------|
| <b>Modified bases</b> | 5-Methoxy-UTP         |
| <b>5' Cap</b>         | Cap 0                 |
| <b>Species</b>        | Human                 |
| <b>RefSeq</b>         | NM_001318038.3        |
| <b>Applications</b>   | Gene therapy research |
| <b>Format</b>         | Powder                |
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| <b>Purification</b>   | Chromatography        |

## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>       | The protein encoded by this gene catalyzes the transfer of galactose to lactosylceramide to form globotriaosylceramide, which has been identified as the P(k) antigen of the P blood group system. This protein, a type II membrane protein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Dec 2015] |