



## IVTScrip™ mRNA-Human CD309, (Cap 1, Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK3673MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK3673MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & Pseudo-UTP. It encodes the CD309 protein. This product can be used in -related researches.

#### Specifications

|                |                                |
|----------------|--------------------------------|
| Modified bases | Pseudo-UTP                     |
| 5' Cap         | Cap 1                          |
| Species        | Human                          |
| RefSeq         | NM_002253                      |
| Applications   | Gene therapy research          |
| Format         | Powder                         |
| Quantity       | 100 µg                         |
| Purification   | oligo-dT affinity purification |

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## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | VEGFR2; CD309; FLK1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Description</b>       | <p>This gene is a protein coding gene. Exhibits several functions, including cell adhesion molecule binding activity; vascular endothelial growth factor binding activity; and vascular endothelial growth factor-activated receptor activity. Involved in several processes, including angiogenesis; positive regulation of endothelial cell migration; and protein phosphorylation. Localizes to several cellular components, including Golgi apparatus; endosome; and membrane raft. Implicated in artery disease (multiple); macular degeneration (multiple); pancreatic cancer; and urinary bladder cancer. Biomarker of several diseases, including breast cancer (multiple); cerebrovascular disease (multiple); eye disease (multiple); inflammatory bowel disease (multiple); and systemic scleroderma (multiple).</p> |