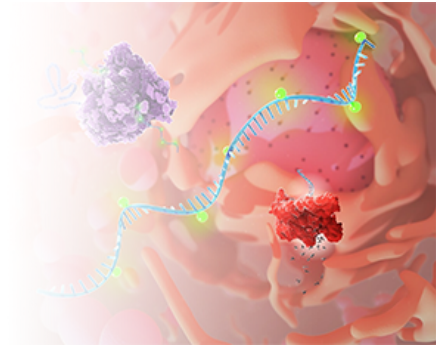




## IVTScrip™ mRNA-Human ADAT1, (Cap 0, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK10115MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK10115MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 2-Thio-UTP. It encodes the ADAT1 protein. This product can be used in SLC16A7+ cell-related researches.

#### Specifications

|                |                       |
|----------------|-----------------------|
| Modified bases | 2-Thio-UTP            |
| 5' Cap         | Cap 0                 |
| Species        | Human                 |
| RefSeq         | NM_001324444.2        |
| Applications   | Gene therapy research |
| Format         | Powder                |
| Quantity       | 100 µg                |
| Purification   | Chromatography        |

#### SPECIFICATIONS

|                       |                       |
|-----------------------|-----------------------|
| <b>Modified bases</b> | 2-Thio-UTP            |
| <b>5' Cap</b>         | Cap 0                 |
| <b>Species</b>        | Human                 |
| <b>RefSeq</b>         | NM_001324444.2        |
| <b>Applications</b>   | Gene therapy research |
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## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | HADAT1                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>       | This gene is a member of the ADAR (adenosine deaminase acting on RNA) family. Using site-specific adenosine modification, proteins encoded by these genes participate in the pre-mRNA editing of nuclear transcripts. The protein encoded by this gene, tRNA-specific adenosine deaminase 1, is responsible for the deamination of adenosine 37 to inosine in eukaryotic tRNA. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010] |