



## IVTScrip™ mRNA-Human ADHFE1, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK9851MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK9851MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the ADHFE1 protein. This product can be used in Natural killer T (NKT) cell-related researches.

#### Specifications

|                |                       |
|----------------|-----------------------|
| Modified bases | 5-Methoxy-UTP         |
| 5' Cap         | Cap 0                 |
| Species        | Human                 |
| RefSeq         | NM_144650.3           |
| Applications   | Gene therapy research |
| Format         | Powder                |
| Quantity       | 100 µg                |
| Purification   | Chromatography        |

#### SPECIFICATIONS

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| <b>5' Cap</b>         | Cap 0                 |
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## GENE INFORMATION

|                          |                                                                                                                                                                                                                                    |
|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | HOT; ADH8; HMFT2263                                                                                                                                                                                                                |
| <b>Description</b>       | The ADHFE1 gene encodes hydroxyacid-oxoacid transhydrogenase (EC 1.1.99.24), which is responsible for the oxidation of 4-hydroxybutyrate in mammalian tissues (Kardon et al., 2006 [PubMed 16616524]).[supplied by OMIM, Mar 2008] |