



## IVTScrip™ mRNA-Human ADHFE1, (Cap 1, Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK12851MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK12851MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & Pseudo-UTP. It encodes the ADHFE1 protein. This product can be used in Natural killer T (NKT) cell-related researches.

#### Specifications

|                       |                       |
|-----------------------|-----------------------|
| <b>Modified bases</b> | Pseudo-UTP            |
| <b>5' Cap</b>         | Cap 1                 |
| <b>Species</b>        | Human                 |
| <b>RefSeq</b>         | NM_144650.3           |
| <b>Applications</b>   | Gene therapy research |
| <b>Format</b>         | Powder                |
| <b>Quantity</b>       | 100 µg                |
| <b>Purification</b>   | Chromatography        |

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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] |