



## IVTScrip™ mRNA-Human ABCE1, (Cap 1, N1-Methylpseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK11153MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK11153MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & N1-Methylpseudo-UTP. It encodes the ABCE1 protein. This product can be used in Leydig cell-related researches.

#### Specifications

|                |                       |
|----------------|-----------------------|
| Modified bases | N1-Methylpseudo-UTP   |
| 5' Cap         | Cap 1                 |
| Species        | Human                 |
| RefSeq         | NM_001040876.2        |
| Applications   | Gene therapy research |
| Format         | Powder                |
| Quantity       | 100 µg                |
| Purification   | Chromatography        |

#### SPECIFICATIONS

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## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | RLI; OABP; RLI1; ABC38; RNS4I; RNASEL1; RNASELI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Description</b>       | <p>The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the OABP subfamily. Alternatively referred to as the RNase L inhibitor, this protein functions to block the activity of ribonuclease L. Activation of ribonuclease L leads to inhibition of protein synthesis in the 2-5A/RNase L system, the central pathway for viral interferon action. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jul 2008]</p> |