



## IVTScrip™ mRNA-Human ATF5, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK24247MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK24247MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the ATF5 protein. This product can be used in Paneth cell-related researches.

#### Specifications

|                |                       |
|----------------|-----------------------|
| Modified bases | 5-Methoxy-UTP         |
| 5' Cap         | Cap 0                 |
| Species        | Human                 |
| RefSeq         | NM_001193646.2        |
| Applications   | Gene therapy research |
| Format         | Powder                |
| Quantity       | 100 µg                |
| Purification   | Chromatography        |

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## GENE INFORMATION

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | ATFX; HMFN0395                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Description</b>       | ATF5 (Activating Transcription Factor 5) is a Protein Coding gene. Diseases associated with ATF5 include Triple-Receptor Negative Breast Cancer and Schizophrenia 1. Among its related pathways are Myometrial Relaxation and Contraction Pathways and TNFR1 Pathway. Gene Ontology (GO) annotations related to this gene include DNA-binding transcription factor activity and transcription corepressor activity. An important paralog of this gene is ATF4. |