



## IVTScrip™ mRNA-Human ALKBH5, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK16926MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK16926MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the ALKBH5 protein. This product can be used in Mitotic arrest phase fetal germ cell-related researches.

#### Specifications

|                |                       |
|----------------|-----------------------|
| Modified bases | 5-Methoxy-UTP         |
| 5' Cap         | Cap 0                 |
| Species        | Human                 |
| RefSeq         | NM_017758.4           |
| Applications   | Gene therapy research |
| Format         | Powder                |
| Quantity       | 100 µg                |
| Purification   | Chromatography        |

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

|                          |                                                                                                                                                                                                                                                                                                                                                                |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Alternative Names</b> | ABH5; OFOXD; OFOXD1                                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>       | <p>ALKBH5 (AlkB Homolog 5, RNA Demethylase) is a Protein Coding gene. Diseases associated with ALKBH5 include Periosteal Chondrosarcoma and Smith-Magenis Syndrome. Among its related pathways are DNA Damage Reversal and DNA Double-Strand Break Repair. Gene Ontology (GO) annotations related to this gene include oxidative RNA demethylase activity.</p> |