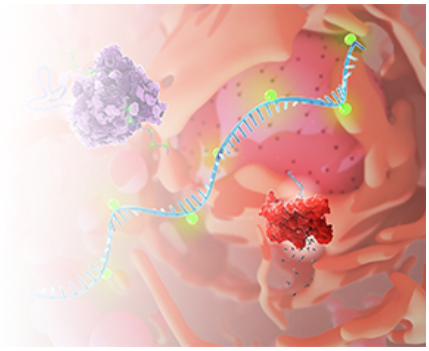


# IVTScrip™ mRNA-Human ALKBH3, (Cap 0, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK17224MR

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

## PRODUCT INFORMATION

### Product overview

This product GTTS-WK17224MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 2-Thio-UTP. It ecodes the ALKBH3 protein. This product can be used in Natural killer T (NKT) cell-related researches.

### Specifications

| | |
|---|---|
| **Modified bases** | 2-Thio-UTP |
| **5' Cap** | Cap 0 |
| **Species** | Human |
| **RefSeq** | NM_139178.4 |
| **Applications** | Gene therapy research |
| **Format** | Powder |
| **Quantity** | 100 μg |
| **Purification** | Chromatography |

## SPECIFICATIONS


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## GENE INFORMATION

| | |
|---|---|
| **Alternative Names** | ABH3; PCA1; DEPC1; hABH3; DEPC-1 |
| **Description** | The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).[supplied by OMIM, Mar 2008] |


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