



IVTScrip™ mRNA-Human ADARB1, (Cap 1, Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK12813MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK12813MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & Pseudo-UTP. It encodes the ADARB1 protein. This product can be used in Meiotic prophase fetal germ cell-related researches.

Specifications

| | |
|-----------------------|-----------------------|
| Modified bases | Pseudo-UTP |
| 5' Cap | Cap 1 |
| Species | Human |
| RefSeq | NM_001112.4 |
| Applications | Gene therapy research |
| Format | Powder |
| Quantity | 100 µg |
| Purification | Chromatography |

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GENE INFORMATION

| | |
|--------------------------|---|
| Alternative Names | RED1; ADAR2; DRABA2; DRADA2; NEDHYMS |
| Description | This gene encodes the enzyme responsible for pre-mRNA editing of the glutamate receptor subunit B by site-specific deamination of adenosines. Studies in rat found that this enzyme acted on its own pre-mRNA molecules to convert an AA dinucleotide to an AI dinucleotide which resulted in a new splice site. Alternative splicing of this gene results in several transcript variants, some of which have been characterized by the presence or absence of an ALU cassette insert and a short or long C-terminal region. [provided by RefSeq, Jul 2008] |