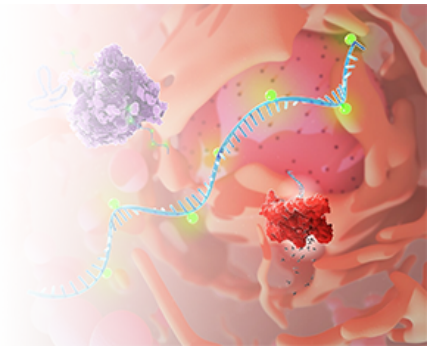

# IVTScrip™ mRNA-Human ADH1C, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK9848MR

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

## PRODUCT INFORMATION

### Product overview

This product GTTS-WK9848MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It ecodes the ADH1C protein. This product can be used in Enterocyte progenitor cell-related researches.

### Specifications

| | |
|---|---|
| **Modified bases** | 5-Methoxy-UTP |
| **5' Cap** | Cap 0 |
| **Species** | Human |
| **RefSeq** | NM_000669.5 |
| **Applications** | Gene therapy research |
| **Format** | Powder |
| **Quantity** | 100 μg |
| **Purification** | Chromatography |

## SPECIFICATIONS

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| | |
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## GENE INFORMATION

| | |
|---|---|
| **Alternative Names** | ADH3 |
| **Description** | This gene encodes class I alcohol dehydrogenase, gamma subunit, which is a member of the alcohol dehydrogenase family. Members of this enzyme family metabolize a wide variety of substrates, including ethanol, retinol, other aliphatic alcohols, hydroxysteroids, and lipid peroxidation products. Class I alcohol dehydrogenase, consisting of several homo- and heterodimers of alpha, beta, and gamma subunits, exhibits high activity for ethanol oxidation to acetaldehyde, thus playing a major role in ethanol catabolism. Three genes encoding alpha, beta and gamma subunits are tandemly organized in a genomic segment as a gene cluster. An association between ADH1C polymorphism and alcohol dependence has not been established. [provided by RefSeq, Sep 2019] |

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