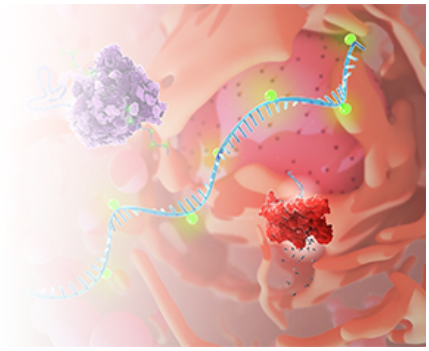


IVTScrip™ mRNA-Human ALDH4A1, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK16902MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK16902MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It ecodes t he ALDH4A1 protein. This product can be used in Mitotic fetal germ cell-related researches.

Specifications

Modified bases	5-Methoxy-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_001161504.2
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	P5CD; ALDH4; P5CDh
Description	This protein belongs to the aldehyde dehydrogenase family of proteins. This enzyme is a mitochon drial matrix NAD-dependent dehydrogenase which catalyzes the second step of the proline degrad ation pathway, converting pyrroline-5-carboxylate to glutamate. Deficiency of this enzyme is associ ated with type II hyperprolinemia, an autosomal recessive disorder characterized by accumulation of delta-1-pyrroline-5-carboxylate (P5C) and proline. Alternatively spliced transcript variants encodi ng different isoforms have been identified for this gene. [provided by RefSeq, Jun 2009]

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