



IVTScrip™ mRNA-Human ALDH5A1, (Cap 1, Pseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK18103MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK18103MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & Pseudo-UTP. It encodes the ALDH5A1 protein. This product can be used in Oogenesis phase fetal germ cell-related researches.

Specifications

Modified bases	Pseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001080.3
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	SSDH; SSADH
Description	This protein belongs to the aldehyde dehydrogenase family of proteins. This gene encodes a mitochondrial NAD(+)-dependent succinic semialdehyde dehydrogenase. A deficiency of this enzyme, known as 4-hydroxybutyricaciduria, is a rare inborn error in the metabolism of the neurotransmitter 4-aminobutyric acid (GABA). In response to the defect, physiologic fluids from patients accumulate GHB, a compound with numerous neuromodulatory properties. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]