



IVTScrip™ mRNA-Human AMHR2, (Cap 1, N1-Methylpseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK18451MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK18451MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & N1-Methylpseudo-UTP. It encodes the AMHR2 protein. This product can be used in Sertoli cell-related researches.

Specifications

Modified bases	N1-Methylpseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001164690.2
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	AMHR; MRII; MISR2; MISRII
Description	This gene encodes the receptor for the anti-Mullerian hormone (AMH) which, in addition to testosterone, results in male sex differentiation. AMH and testosterone are produced in the testes by different cells and have different effects. Testosterone promotes the development of male genitalia while the binding of AMH to the encoded receptor prevents the development of the mullerian ducts into uterus and Fallopian tubes. Mutations in this gene are associated with persistent Mullerian duct syndrome type II. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Sep 2009]