



IVTScrip™ mRNA-Human AGR3, (Cap 1, N1-Methylpseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK20115MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK20115MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & N1-Methylpseudo-UTP. It codes the AGR3 protein. This product can be used in Ciliated cell-related researches.

Specifications

Modified bases	N1-Methylpseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_176813.5
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	AG3; AG-3; HAG3; hAG-3; BCMP11; PDIA18
Description	This gene encodes a member of the disulfide isomerase (PDI) family of endoplasmic reticulum (ER) proteins that catalyze protein folding and thiol-disulfide interchange reactions. The encoded protein has an N-terminal ER-signal sequence, a catalytically active thioredoxin domain, and a C-terminal ER-retention sequence. This gene is expressed in ciliated airway epithelial cells and, in mouse, plays a role in ciliary beat frequency in multiciliated cells. This gene is also over-expressed in breast, ovarian, and prostate cancers. [provided by RefSeq, Dec 2016]