



IVTScrip™ mRNA-Human ADGRL1, (Cap 1, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK13745MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK13745MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 2-Thio-UTP. It encodes the ADGRL1 protein. This product can be used in Multilymphoid progenitor cell-related researches.

Specifications

Modified bases	2-Thio-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001008701.3
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	CL1; LEC2; C1RL1; LPHN1
Description	This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors (GPCR). Latrophilins may function in both cell adhesion and signal transduction. In experiments with non-human species, endogenous proteolytic cleavage within a cysteine-rich GPS (G-protein-coupled-receptor proteolysis site) domain resulted in two subunits (a large extracellular N-terminal cell adhesion subunit and a subunit with substantial similarity to the secretin/calcitonin family of GPCRs) being non-covalently bound at the cell membrane. Latrophilin-1 has been shown to recruit the neurotoxin from black widow spider venom, alpha-latrotoxin, to the synapse plasma membrane. Alternative splicing results in multiple variants encoding distinct isoforms.[provided by RefSeq, Oct 2008]