



## IVTScrip™ mRNA-Human ADGRL1, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK11645MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK11645MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the ADGRL1 protein. This product can be used in Multilymphoid progenitor cell-related researches.

#### Specifications

<b>Modified bases</b>	5-Methoxy-UTP
<b>5' Cap</b>	Cap 1
<b>Species</b>	Human
<b>RefSeq</b>	NM_001008701.3
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	Chromatography

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## GENE INFORMATION

<b>Alternative Names</b>	CL1; LEC2; C1RL1; LPHN1
<b>Description</b>	<p>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]</p>