



IVTScrip™ mRNA-Human ACTG2, (Cap 1, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK13360MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK13360MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the ACTG2 protein. This product can be used in Mitotic fetal germ cell-related researches.

Specifications

Modified bases	5-Methoxy-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001199893.2
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	ACT; ACTE; VSCM; ACTA3; ACTL3; ACTSG
Description	<p>Actins are highly conserved proteins that are involved in various types of cell motility and in the maintenance of the cytoskeleton. Three types of actins, alpha, beta and gamma, have been identified in vertebrates. Alpha actins are found in muscle tissues and are a major constituent of the contractile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytoskeleton and as mediators of internal cell motility. This gene encodes actin gamma 2; a smooth muscle actin found in enteric tissues. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Based on similarity to peptide cleavage of related actins, the mature protein of this gene is formed by removal of two N-terminal peptides.[provided by RefSeq, Dec 2010]</p>