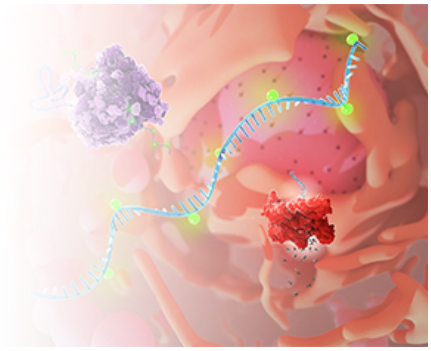


IVTScrip™ mRNA-Human ACTG2, (Cap 1, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK13660MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK13660MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 2-Thio-UTP. It ecodes the ACTG2 protein. This product can be used in Mitotic fetal germ cell-related researches.

Specifications

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

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	ACT; ACTE; VSCM; ACTA3; ACTL3; ACTSG
Description	Actins are highly conserved proteins that are involved in various types of cell motility and in the ma intenance 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 contract ile apparatus. The beta and gamma actins co-exist in most cell types as components of the cytosk eleton and as mediators of internal cell motility. This gene encodes actin gamma 2; a smooth musc le 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 thi s gene is formed by removal of two N-terminal peptides.[provided by RefSeq, Dec 2010]

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