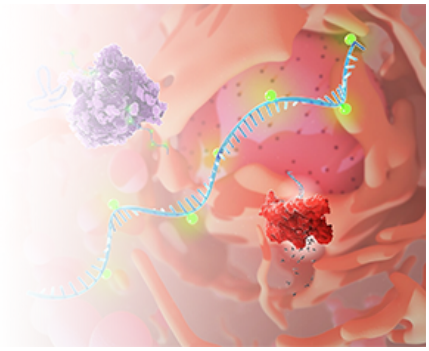


IVTScrip™ mRNA-Human ATG7, (Cap 0, 5-Methyl-CTP & Pseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK25162MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK25162MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP & Pseudo-UTP. It ecodes the ATG7 protein. This product can be used in Alpha cell-related researches.

Specifications

Modified bases	5-Methyl-CTP & Pseudo-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_001136031.3
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	GSA7; APG7L; APG7-LIKE
Description	This gene encodes an E1-like activating enzyme that is essential for autophagy and cytoplasmic to vacuole transport. The encoded protein is also thought to modulate p53-dependent cell cycle path ways during prolonged metabolic stress. It has been associated with multiple functions, including a xon membrane trafficking, axonal homeostasis, mitophagy, adipose differentiation, and hematopoi etic stem cell maintenance. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]

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