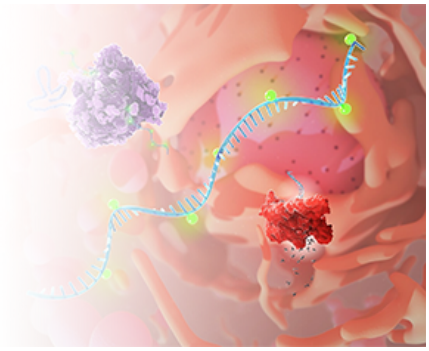


IVTScrip™ mRNA-Human ALPP, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK16941MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK16941MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It ecodes t he ALPP protein. This product can be used in Trophectoderm cell-related researches.

Specifications

Modified bases	5-Methoxy-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_001632.5
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	ALP; IAP; ALPI; PALP; PLAP; PLAP-1
Description	The protein encoded by this gene is an alkaline phosphatase, a metalloenzyme that catalyzes the hydrolysis of phosphoric acid monoesters. It belongs to a multigene family composed of four alkaline phosphatase isoenzymes. The enzyme functions as a homodimer and has a catalytic site containing one magnesium and two zinc ions, which are required for its enzymatic function. One of the main sources of this enzyme is the liver, and thus, it's one of several indicators of liver injury in different clinical conditions. In pregnant women, this protein is primarily expressed in placental and endometrial tissue, however, strong ectopic expression has been detected in ovarian adenocarcinoma, serous cystadenocarcinoma, and other ovarian cancer cells. [provided by RefSeq, Aug 2020]

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