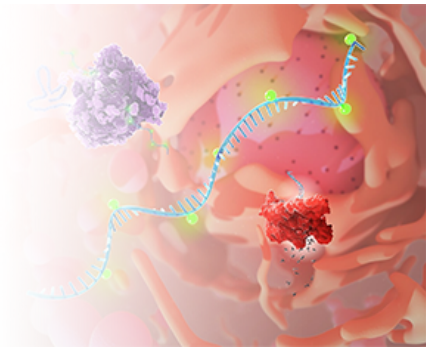


IVTScrip™ mRNA-Human ALP, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK16934MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK16934MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It ecodes t he ALP protein. This product can be used in Osteoblast-related researches.

Specifications

Modified bases	5-Methoxy-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_000478.6
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	HOPS; TNAP; TNALP; APTNAP; TNSALP; AP-TNAP
Description	This gene encodes a member of the alkaline phosphatase family of proteins. There are at least four distinct but related alkaline phosphatases: intestinal, placental, placental-like, and liver/bone/kidney (tissue non-specific). The first three are located together on chromosome 2, while the tissue non-specific form is located on chromosome 1. The product of this gene is a membrane bound glycosylated enzyme that is not expressed in any particular tissue and is, therefore, referred to as the tissue-nonspecific form of the enzyme. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the mature enzyme. This enzyme may play a role in bone mineralization. Mutations in this gene have been linked to hypophosphatasia, a disorder that is characterized by hypercalcemia and skeletal defects. [provided by RefSeq, Oct 2015]

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