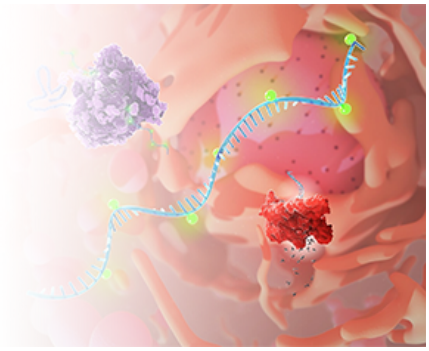

IVTScrip™ mRNA-Human ACTR1B, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK11570MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK11570MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It ecodes the ACTR1B protein. This product can be used in Natural killer T (NKT) cell-related researches.

Specifications

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

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GENE INFORMATION

Alternative Names	PC3; ARP1B; CTRN2
Description	This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 sub units ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynei n and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centri petal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclea r positioning, and axonogenesis. This subunit, like ACTR1A, is an actin-related protein. These two proteins, which are of equal length and share 90% amino acid identity, are present in a constant ra tio of approximately 1:15 in the dynactin complex. [provided by RefSeq, Aug 2008]