



## IVTScrip™ mRNA-Human ACTR1B, (Cap 0, 5-Methoxy-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK9770MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK9770MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & 5-Methoxy-UTP. It encodes the ACTR1B protein. This product can be used in Natural killer T (NKT) cell-related researches.

#### Specifications

<b>Modified bases</b>	5-Methoxy-UTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	Chromatography

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## GENE INFORMATION

<b>Alternative Names</b>	PC3; ARP1B; CTRN2
<b>Description</b>	<p>This gene encodes a 42.3 kD subunit of dynactin, a macromolecular complex consisting of 10 subunits ranging in size from 22 to 150 kD. Dynactin binds to both microtubules and cytoplasmic dynein and is involved in a diverse array of cellular functions, including ER-to-Golgi transport, the centripetal movement of lysosomes and endosomes, spindle formation, chromosome movement, nuclear 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 ratio of approximately 1:15 in the dynactin complex. [provided by RefSeq, Aug 2008]</p>