



IVTScrip™ mRNA-Human ARHGDIB, (Cap 1, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK28305MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK28305MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 1 & 5-Methyl-CTP. It encodes the ARHGDIB protein. This product can be used in Microglial cell-related researches.

Specifications

Modified bases	5-Methyl-CTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001175.7
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	D4; GDIA2; GDID4; LYGDI; Ly-GDI; RAP1GN1; RhoGDI2
Description	Members of the Rho (or ARH) protein family (see MIM 165390) and other Ras-related small GTP-binding proteins (see MIM 179520) are involved in diverse cellular events, including cell signaling, proliferation, cytoskeletal organization, and secretion. The GTP-binding proteins are active only in the GTP-bound state. At least 3 classes of proteins tightly regulate cycling between the GTP-bound and GDP-bound states: GTPase-activating proteins (GAPs), guanine nucleotide-releasing factors (GRFs), and GDP-dissociation inhibitors (GDIs). The GDIs, including ARHGDIB, decrease the rate of GDP dissociation from Ras-like GTPases (summary by Scherle et al., 1993 [PubMed 8356058]).[supplied by OMIM, Dec 2010]