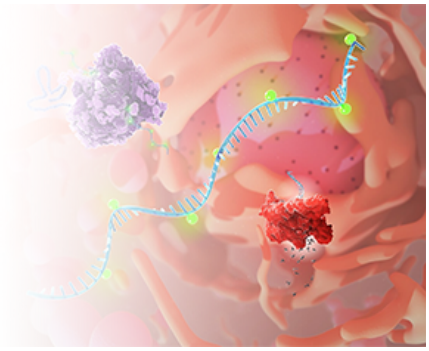


IVTScrip™ mRNA-Human AKT3, (Cap 1, 2-Thio-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK18982MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK18982MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 2-Thio-UTP. It ecodes the AKT3 protein. This product can be used in Oogenesis phase fetal germ cell-related researches.

Specifications

Modified bases	2-Thio-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_001206729.2
Applications	Gene therapy research
Format	Powder
Quantity	100 μg
Purification	Chromatography

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	MPPH; PKBG; MPPH2; PRKBG; STK-2; PKB-GAMMA; RAC-gamma; RAC-PK-gamma
Description	The protein encoded by this gene is a member of the AKT, also called PKB, serine/threonine protei n kinase family. AKT kinases are known to be regulators of cell signaling in response to insulin and growth factors. They are involved in a wide variety of biological processes including cell proliferatio n, differentiation, apoptosis, tumorigenesis, as well as glycogen synthesis and glucose uptake. Thi s kinase has been shown to be stimulated by platelet-derived growth factor (PDGF), insulin, and in sulin-like growth factor 1 (IGF1). Alternatively splice transcript variants encoding distinct isoforms h ave been described. [provided by RefSeq, Jul 2008]

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