



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

Cat. No.: GTTS-WK4535MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK4535MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 2-Thio-UTP. It encodes the PDGFR protein. This product can be used in -related researches.

Specifications

Modified bases	2-Thio-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_006206
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

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GENE INFORMATION

Alternative Names	PENTT; IBGC4; IMF1
Description	This gene is a protein coding gene. Exhibits several functions, including growth factor binding activity; platelet-derived growth factor beta-receptor activity; and platelet-derived growth factor receptor binding activity. Involved in several processes, including platelet-derived growth factor receptor signaling pathway; positive regulation of phosphate metabolic process; and protein phosphorylation. Localizes to Golgi apparatus and intrinsic component of plasma membrane. Implicated in basal ganglia calcification; glioblastoma multiforme; infantile myofibromatosis; myeloproliferative neoplasm (multiple); and renal cell carcinoma. Biomarker of Kuhnt-Junius degeneration; breast cancer (multiple); renal cell carcinoma; and reproductive organ cancer (multiple).