



IVTScrip™ mRNA-Human Go-alpha, (Cap 0, 2-Thio-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK2721MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK2721MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 2-Thio-UTP. It encodes the G o-alpha protein. This product can be used in -related researches.

Specifications

Modified bases	2-Thio-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_000516
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

SPECIFICATIONS

Modified bases	2-Thio-UTP
5' Cap	Cap 0
Species	Human
RefSeq	NM_000516
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

GENE INFORMATION

Alternative Names	GSP; GNAS1PHP1C; NESP
Description	This gene is a protein coding gene. Predicted to have several functions, including G-protein beta/gamma-subunit complex binding activity; adenylate cyclase activator activity; and signaling receptor binding activity. Involved in several processes, including hair follicle placode formation; platelet aggregation; and positive regulation of cAMP-mediated signaling. Localizes to several cellular components, including cytosol; perinuclear region of cytoplasm; and trans-Golgi network membrane. Implicated in several diseases, including ACTH-independent macronodular adrenal hyperplasia 1; McCune Albright syndrome; pituitary adenoma 3; progressive osseous heteroplasia; and pseudohypoparathyroidism (multiple). Biomarker of Alzheimer's disease; pancreatic cancer; and pseudohypoparathyroidism type IB.