



IVTScrip™ mRNA-Human neurofilament heavy (200 kDa), (Cap 1, N1-Methylpseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK11102MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK11102MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 0 & N1-Methylpseudo-UTP. It encodes the neurofilament heavy (200 kDa) protein. This product can be used in Neuron-related researches.

Specifications

Modified bases	N1-Methylpseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_021076.4
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	Chromatography

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GENE INFORMATION

Alternative Names	NFH; CMT2CC
Description	Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene.