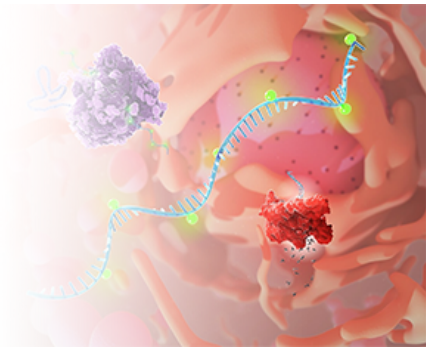


IVTScrip™ mRNA-Human HMOX1, (Cap 1, N1-Methylpseudo-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4025MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK4025MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & N1-Methylpseudo-UTP. It e codes the HMOX1 protein. This product can be used in -related researches.

Specifications

Modified bases	N1-Methylpseudo-UTP
5' Cap	Cap 1
Species	Human
RefSeq	NM_002133
Applications	Gene therapy research
Format	Powder
Quantity	100 µg
Purification	oligo-dT affinity purification

SPECIFICATIONS

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GENE INFORMATION

Alternative Names	HMOX1D; HSP32; HO-1
Description	This gene is a protein coding gene. Exhibits several functions, including heme binding activity; he me oxygenase (decyclizing) activity; and protein homodimerization activity. Involved in several pro cesses, including porphyrin-containing compound catabolic process; positive regulation of sproutin g angiogenesis; and regulation of smooth muscle cell proliferation. Localizes to endoplasmic reticu lum and perinuclear region of cytoplasm. Implicated in several diseases, including artery disease (multiple); cerebrovascular disease (multiple); factor VIII deficiency; lung disease (multiple); and ty pe 2 diabetes mellitus. Biomarker of several diseases, including Behcet's disease; Henoch-Schoe nlein purpura; cystic fibrosis; lung disease (multiple); and obstructive sleep apnea.

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