



## IVTScrip™ mRNA-Human CD14, (Cap 0, 5-Methyl-CTP, 30 nt-poly(A))

Cat. No.: GTTS-WK3279MR

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

### PRODUCT INFORMATION

#### Product overview

This product GTTS-WK3279MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & 5-Methyl-CTP. It encodes the CD14 protein. This product can be used in -related researches.

#### Specifications

<b>Modified bases</b>	5-Methyl-CTP
<b>5' Cap</b>	Cap 0
<b>Species</b>	Human
<b>RefSeq</b>	NM_001174105
<b>Applications</b>	Gene therapy research
<b>Format</b>	Powder
<b>Quantity</b>	100 µg
<b>Purification</b>	oligo-dT affinity purification

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## GENE INFORMATION

### Description

This gene is a protein coding gene. Exhibits lipopeptide binding activity; lipopolysaccharide binding activity; and lipoteichoic acid binding activity. Involved in cellular response to molecule of bacterial origin; positive regulation of NIK/NF-kappaB signaling; and positive regulation of cytokine production. Localizes to several cellular components, including anchored component of external side of plasma membrane; lipopolysaccharide receptor complex; and membrane raft. Implicated in several diseases, including IgA glomerulonephritis; artery disease (multiple); celiac disease; cystic fibrosis; and pulmonary tuberculosis. Biomarker of several diseases, including biliary atresia; cystic fibrosis; lung disease (multiple); perinatal necrotizing enterocolitis; and polycystic kidney disease (multiple).