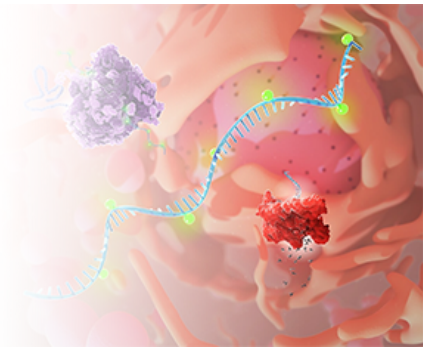
Creative Biolabs®
mRNA Therapeutics



# IVTScrip™ mRNA-Human ASGR2, (Cap 0, N1-Methylpseudo-UTP, 30 nt-poly(A))

Cat. No.: GTTS-WK23911MR

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

## PRODUCT INFORMATION

### Product overview

This product GTTS-WK23911MR is a type of mRNA having 30 nt poly(A) tail and modified with Cap 0 & N1-Methylpseudo-UTP. It e codes the ASGR2 protein. This product can be used in Oogenesis phase fetal germ cell-related researches.

### Specifications

| | |
|---|---|
| **Modified bases** | N1-Methylpseudo-UTP |
| **5' Cap** | Cap 0 |
| **Species** | Human |
| **RefSeq** | NM_001181.4 |
| **Applications** | Gene therapy research |
| **Format** | Powder |
| **Quantity** | 100 µg |
| **Purification** | Chromatography |

## SPECIFICATIONS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## GENE INFORMATION

| | |
|---|---|
| **Alternative Names** | HL-2; HBXBP; ASGPR2; ASGP-R2; CLEC4H2 |
| **Description** | This gene encodes a subunit of the asialoglycoprotein receptor. This receptor is a transmembrane protein that plays a critical role in serum glycoprotein homeostasis by mediating the endocytosis a nd lysosomal degradation of glycoproteins with exposed terminal galactose or N-acetylgalactosam ine residues. The asialoglycoprotein receptor may facilitate hepatic infection by multiple viruses inc luding hepatitis B, and is also a target for liver-specific drug delivery. The asialoglycoprotein recept or is a hetero-oligomeric protein composed of major and minor subunits, which are encoded by diff erent genes. The protein encoded by this gene is the less abundant minor subunit. Alternatively spl iced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2011] |


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