



IVTScrip™ mRNA-Human GS, (Cap 1, 5-Methoxy-UTP, 120 nt-poly(A))

Cat. No.: GTTS-WK4223MR

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

PRODUCT INFORMATION

Product overview

This product GTTS-WK4223MR is a type of mRNA having 120 nt poly(A) tail and modified with Cap 1 & 5-Methoxy-UTP. It encodes the GS protein. This product can be used in -related researches.

Specifications

| | |
|-----------------------|--------------------------------|
| Modified bases | 5-Methoxy-UTP |
| 5' Cap | Cap 1 |
| Species | Human |
| RefSeq | NM_002065 |
| Applications | Gene therapy research |
| Format | Powder |
| Quantity | 100 µg |
| Purification | oligo-dT affinity purification |

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GENE INFORMATION

| | |
|--------------------------|--|
| Alternative Names | PIG43 |
| Description | This gene is a protein coding gene. Exhibits glutamate-ammonia ligase activity; identical protein binding activity; and protein-cysteine S-palmitoyltransferase activity. Involved in several processes, including protein palmitoylation; regulation of endothelial cell migration; and regulation of protein localization to nucleolus. Localizes to cytosol; mitochondrion; and plasma membrane. Implicated in Alzheimer's disease and Huntington's disease. Biomarker of Alzheimer's disease; schizophrenia; and temporal lobe epilepsy. |