

## WT1 Circular RNA for Cancer Vaccine Research

Catalog Number:CVAC-ORNA-0391

DESCRIPTION	
Product Name	WT1 Circular RNA for Cancer Vaccine Research
Gene Name	WT1
Source	In vitro transcribed mRNA was further circularized to make this product as a circular RNA.
Alternative names	Recombinant Anti-WT1 Immunotherapeutic GSK2302024A
SPECIFICATIONS	
Cap	
5'-UTR	5' -untranslated region derived from human alpha-globin RNA with an optimized Kozak sequence
ORF	WT1
3'-UTR	3' UTR comprising two sequence elements derived from the aminoterminal enhancer of split (AES) mRNA and the mitochondrial encoded 12S ribosomal RNA
Poly(A) Tail	
Modifications	N1-methyl-pseudouridine
Neutral Lipid	1,2-distearoyl-sn-glycero-3-phosphocholine (DSPC)
Cholesterol	Cholesterol
Lonizable Lipid	1,2-dimyristoyl-rac-glycero-3-methoxypolyethylene glycol-2000 (PEG2000-DMG)
PEG-lipid	Heptadecan-9-yl 8-((2-hydroxyethyl)(8-(nonyloxy)-8-oxooctyl)amino)octanoate)(SM-102)
Storage	-80 °C
Buffer	PBS, pH7.5
Cryoprotectant	Trehalose
BACKGROUND	
Gene Accession	
Gene Alias	Recombinant Anti-WT1 Immunotherapeutic GSK2302024A
Background	Description: An immunotherapeutic composed of the Wilms tumor 1 (WT1) and an as of yet undisclosed adjuvant, with potential antineoplastic activity. Upon administration, the immune system may be stimulated to exert a cytotoxic T-lymphocyte (CTL) response against WT1-expressing tumor cells. The adjuvant stimulates the immune system's response to WT1. WT1, a tumor-associated antigen (TAA) and transcription factor, is overexpressed in a variety of tumor cell types. (NCIT_C116880).



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