

UTF1 Circular RNA

Catalog Number:STEM-ORNA-0060

DESCRIPTION	
Product Name	UTF1 Circular RNA
Gene Name	UTF1
Source	In vitro transcribed mRNA was further circularized to make this product as a circular RNA.
Alternative names	UTF1 Undifferentiated Embryonic Cell Transcription Factor 1 HGNC: 12634 NCBI Entrez Gene: 8433 Ensembl: ENSG00000171794 OMIM®: 604130 UniProtKB/Swiss-Prot: Q5T230
SPECIFICATIONS	
Cap	
5'-UTR	
ORF	=A57
3'-UTR	
Poly(A) Tail	
Modifications	
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, pH7.61
Cryoprotectant	Trehalose
BACKGROUND	
Gene Accession	
Gene Alias	
Background	UTF1 (Undifferentiated Embryonic Cell Transcription Factor 1) is a Protein Coding gene. Diseases associated with UTF1 include Spermatocytoma and Nocardiosis. Among its related pathways are Human Embryonic Stem Cell Pluripotency and Oct4 in Mammalian ESC Pluripotency. Gene Ontology (GO) annotations related to this gene include transcription coactivator activity and HMG box domain binding. An important paralog of this gene is MSANTD2. Acts as a transcriptional coactivator of ATF2. (UTF1_HUMAN,Q5T230)



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