

## Riloncept In Vitro Transcribed mRNA-LNP

Catalog Number:SG-MRNA-LNP-1863

DESCRIPTION	
Product Name	Riloncept In Vitro Transcribed mRNA-LNP
Gene Name	IL-1R&IL-1R accessory protein
Source	The ORF of Riloncept was cloned in our IVT vector and mRNA was prepared through in vitro transcription and purification. The purified mRNA was further encapsulated with LNP(DSPC:Cholesterol:DMG-PEG:SM102).
Alternative names	Riloncept
SPECIFICATIONS	
Cap	m7GpppN
5'-UTR	5' -untranslated region derived from human alpha-globin RNA with an optimized Kozak sequence
ORF	IL-1RI/IL-1RacP ECD
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	A 110-nucleotide poly(A)-tail consisting of a stretch of 30 adenosine residues, followed by a 10-nucleotide linker sequence and another 70 adenosine residues.
Modifications	N1-methyl-pseudouridine
Neutral Lipid	1,2-distearoyl-sn-glycero-3-phosphocholine (DSPC)
Cholesterol	Cholesterol
Ionizable 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	-20 °C
Buffer	PBS, pH7.4
Cryoprotectant	Trehalose
BACKGROUND	
Gene Accession	
Gene Alias	Riloncept
Background	Riloncept is a dimeric fusion protein consisting of portions of IL-1R and the IL-1R accessory protein linked to the Fc portion of immunoglobulin G1. Riloncept functions as an interleukin 1 inhibitor.



**Seattle Genova**

Tel: +1 (425) 247-3088 Fax: +1 (425) 650-9990

Email: [info@seattle-genova.com](mailto:info@seattle-genova.com) Web: [www.seattle-genova.com](http://www.seattle-genova.com)

Address: 18110 SE 34TH ST STE 455, Vancouver, WA 98683

---