

## Hyaluronidase In Vitro Transcribed mRNA-LNP

Catalog Number:SG-MRNA-LNP-1919

Gene NameHyaluroniSourceThe ORF of prepared mRNA wa PEG:SM10Alternative namesHyaluroniSPECIFICATIONSTallorCapm7GpppN5'-UTR5' -untran optimizedORFHyaluroni3'-UTR3' UTR co aminoterr encoded 3Poly(A) TailA 110-nuc residues, adenosingModificationsN1-methy Neutral LipidLonizable Lipid1,2-dimyr (PEG-lipidPEG-lipidHeptadec	idase In Vitro Transcribed mRNA-LNP	
SourceThe ORF or prepared mRNA wa PEG:SM10Alternative namesHyaluroniSPECIFICATIONSThe ORF or m7GpppNCapm7GpppN5'-UTR5' - untran optimizedORFHyaluroni3'-UTR3' UTR co aminoterr encoded 1Poly(A) TailA 110-nuc residues, adenosineModificationsN1-methy Neutral LipidCholesterolCholesterolLonizable Lipid1,2-dimyr PEG-lipidPEG-lipidHeptadec 8-oxooctyStorage-20 °CBufferPBS, pH7.		
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Capm7GpppN5'-UTR5'-untran optimizedORFHyaluroni3'-UTR3' UTR co aminoterr encoded3'-UTR3' UTR co aminoterr encodedPoly(A) TailA 110-nucl residues, adenosineModificationsN1-methy 1,2-disteaNeutral Lipid1,2-disteaCholesterolCholesterolLonizable Lipid1,2-dimyr (PEG-lipidPEG-lipidHeptadec 	dase	
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aminoterr encoded 2Poly(A) TailA 110-nucle residues, adenosineModificationsN1-methyNeutral Lipid1,2-disterCholesterolCholesterLonizable Lipid1,2-dimyr 	dase	
residues, adenosine Modifications N1-methy Neutral Lipid 1,2-dister Cholesterol Cholester Lonizable Lipid 1,2-dimyr (PEG2000 PEG-lipid Heptadec 8-oxoocty Storage -20 °C Buffer PBS, pH7.	mprising two sequence elements derived from the minal enhancer of split (AES) mRNA and the mitochondrial 12S ribosomal RNA	
Neutral Lipid1,2-disterCholesterolCholesterLonizable Lipid1,2-dimyr (PEG2000)PEG-lipidHeptadec 8-oxooctyStorage-20 °CBufferPBS, pH7.	cleotide poly(A)-tail consisting of a stretch of 30 adenosine followed by a 10-nucleotide linker sequence and another 70 e residues.	
CholesterolCholesterLonizable Lipid1,2-dimyr (PEG2000)PEG-lipidHeptadec 8-oxooctyStorage-20 °CBufferPBS, pH7.	yl-pseudouridine	
Lonizable Lipid1,2-dimyr (PEG2000)PEG-lipidHeptadec 8-oxooctyStorage-20 °CBufferPBS, pH7.	aroyl-sn-glycero-3-phosphocholine (DSPC)	
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8-oxoocty   Storage -20 °C   Buffer PBS, pH7.	ristoyl-rac-glycero-3-methoxypolyethylene glycol-2000 )-DMG)	
Buffer PBS, pH7.	an-9-yl 8-((2-hydroxyethyl)(8-(nonyloxy)– /l)amino)octanoate)(SM-102)	
Cryoprotectant Trehalose	.4	
	2	
BACKGROUND		
Gene Accession		
Gene Alias Hyaluroni	idase	



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	the ability of these other compounds to permeate the extracellular space more easily.
Background	Hyaluronidase cleaves hyaluronic acid at the glucosaminidic bond between C1 of glucosamine and C4 of glucuronic acid. Hyaluronic acid is a key component of the extracellular matrix. Injection of hyaluronidase with other fluids, drugs, or radiopaque agents improves