

## Aln g 4 Circular RNA

Catalog Number:ALG-ORNA-0038

DESCRIPTION	
Product Name	Aln g 4 Circular RNA
Gene Name	Aln g 4
Source	In vitro transcribed mRNA was further circularized to make this product as a circular RNA.
Alternative names	Polcalcin
SPECIFICATIONS	
Cap	
5'-UTR	
ORF	Aln g 4
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, pH7.42
Cryoprotectant	Trehalose
BACKGROUND	
Gene Accession	
Gene Alias	Polcalcin
Background	Allergenicity reference:PubMed:9862740 Route of allergen exposure:Airway; - rAln g 4 reacted with serum IgE from 18% of pollen-allergic patients tested(n = 122). Patients were allergic to: olive (n = 50), grass (n = 20), birch (n = 12), mugwort pollen (n = 20), and maize (n = 20). - Purified rAln g 4 elicited dose-dependent basophil histamine release in 3 patients tested and immediate type skin reactions in 3 patients tested.