



# RNA Products

## Introduction

Creative Biogene is a leading global provider of complete solutions for RNA discovery, expression analysis, functional research and mechanism analysis. Our mission is to develop unique technologies that provide satisfactory services to scientists around the world, enabling researchers to better understand human diseases, explore potential treatments for high-impact diseases and promote the development of the RNA research field. With our unparalleled expertise and experience in the RNA field, Creative Biogene can provide a variety of high-quality premade RNA products, RNA kits and raw materials to ensure your satisfaction in a timely and professional manner.

## Kits and Raw Materials for mRNA Synthesis

- Features**
- ✓ A broad range of product types, from raw materials to ready-to-use kits
  - ✓ Comprehensive modifications and labeling
  - ✓ Fast, convenient and reliable
  - ✓ High quality and cost effective

Cat#	Product Name
RSNK-001	T7 High Yield RNA Synthesis Kit
RSNK-002	Poly (A) Tailing Kit
RSNK-003	Fluorescein RNA Labeling Kit (T7)
RSNK-006	All-in-One T7 ARCA mRNA Synthesis Kit
RSNK-007	All-in-One T7 ARCA mRNA Synthesis Kit Plus I
RSNK-008	All-in-One T7 ARCA mRNA Synthesis Kit Plus II
RSNK-009	All-in-One T7 Cap1 (3' OMe) mRNA Synthesis Kit
RSNK-010	All-in-One T7 Cap1 (3' OMe) mRNA Synthesis Kit Plus I
RSNK-011	All-in-One T7 Cap1 (3' OMe) mRNA Synthesis Kit Plus II
RSNK-012	Anti-Reverse Cap Analog (ARCA)
RSNK-015	m7(3'OMeG)(5')ppp(5')(2'OMeA)pG Cap Analog
RSNK-016	m7G(5')ppp(5')(2'OMeG)pG Cap Analog
RSNK-017	m7(3'OMeG)(5')ppp(5')(2'OMeG)pG Cap Analog
RSNK-018	Pseudo-UTP
RSNK-019	5-Methoxy-UTP
RSNK-020	5-Methyl-CTP
RSNK-021	T7 RNA Polymerase
RSNK-022	DNase I (RNase-free)
RSNK-023	Pyrophosphatase, Inorganic
RSNK-024	RNase Inhibitor, Murine
RSNK-025	2'-O-methyltransferase
RSNK-026	Vaccinia Capping System
RSNK-027	Poly (A) Polymerase

## Premade mRNAs

- Features
- ✓ mRNA synthesized on error free sequence verified plasmid DNA template
  - ✓ Cap 1 Capping and poly-A tailed incorporated
  - ✓ Modified nucleotides N1-Methylpseudo-UTP or 5-Methoxy-UTP used
  - ✓ Degrades the DNA template after RNA synthesis with DNase

Cat#	Product Name
PMRNL-0001	EGFP mRNA (no modification)
PMRNL-0002	EGFP mRNA (N1-Methylpseudo-UTP modified)
PMRNL-0003	Firefly Luciferase mRNA (no modification)
PMRNL-0004	Firefly Luciferase mRNA (N1-Methylpseudo-UTP modified)
PMRNL-0005	mCherry mRNA (no modification)
PMRNL-0006	mCherry mRNA (N1-Methylpseudo-UTP modified)
PMRNL-0011	$\beta$ -galactosidase mRNA (no modification)
PMRNL-0012	$\beta$ -galactosidase mRNA (N1-Methylpseudo-UTP modified)
PMRN-0001	Jellyfish GFP mRNA
PMRN-0002	A. marginale mCherry mRNA
PMRN-0003	Firefly Luciferase mRNA
PMRN-0004	Renilla Luciferase mRNA

## Kits for mRNA Delivery

- Features
- ✓ Unmatched efficiency
  - ✓ Low toxicity
  - ✓ Easy to use and time saving

Cat#	Product Name
RNTK-001	mRNA in vitro transfection kit
RNTK-002	mRNA in vivo delivery kit

## Premade Circular RNA Products

- Advantages
- ✓ Premade products available
  - ✓ Higher translation efficiency
  - ✓ Strict quality control
  - ✓ Longer half-life: at least 2.5 times longer than their linear mRNA isoforms

Cat#	Product Name	Size
PMCR-0001	EGFP circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0002	Firefly Luciferase circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0003	Gaussia Luciferase circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0004	Renilla Luciferase circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0005	mCherry circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0006	$\beta$ -galactosidase circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0007	Luciferase P2A GFP circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0008	Cas9 circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0009	NLS-Cre circRNA	50ug, 100ug, 500ug, 1mg
PMCR-0010	Cas9 Nickase circRNA	50ug, 100ug, 500ug, 1mg



**RNA Products**

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