

Product Data Sheet

ARCA EGFP mRNA

Modification:	ARCA, poly A
Concentration	1 mg/ml
Buffer:	1 mM Sodium Citrate, pH 6.4
Storage:	-40°C or below
Expiration Date:	6 months

Description

EGFP (enhanced green fluorescent protein) mRNA can express an enhanced green fluorescence once has been transfected into cells, which is a direct-detection reporter mRNA, used as control to study transfection and expression in mammalian cells by various fluorescence-based assays. You can observe the fluorescence at 509 nm.

Our product had already been modified with ARCA with a high efficient co-transcriptional capping method, which means most of mRNA has a Cap 0 structure. It is a more mature mRNA than mRNA with no capping and maintain a more stable state which lead to higher expressing efficiency in transfected mammalian cells. ARCA obtain the ability only inserting in the proper orientation, results in forming mRNAs that can be translated twice efficiently as those initiated with mCAP.

This version of modified mRNA is outdated and deprecated, and it will be automatically upgraded to **R1007 ARCA EGFP MRNA (5-moUTP)**, unless otherwise strongly requested. Please contact our product specialist (support@apexbt.com) for more details.

Caution

FOR RESEARCH PURPOSES ONLY.

NOT FOR HUMAN, VETERINARY DIAGNOSTIC OR THERAPEUTIC USE.

Specific storage and handling information for each product is indicated on the product datasheet. Most APExBIO products are stable under the recommended conditions. Products are sometimes shipped at a temperature that differs from the recommended storage temperature. Short-term storage of many products are stable in the short-term at temperatures that differ from that required for long-term storage. We ensure that the product is shipped under conditions that will maintain the quality of the reagents. Upon receipt of the product, follow the storage recommendations on the product data sheet.

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