

hEPO mRNA (N1-Me-Pseudo UTP)

Catalog No. CT134

Overview

hEPO mRNA encodes human erythropoietin (hEPO), a glycoprotein hormone that regulates the production of red blood cells (erythropoiesis). Beyond its hematopoietic role, hEPO also participates in tissue protection and neuroprotection, mediating responses to injury and hypoxia in various organs, including the brain. Physiologically, hEPO exhibits pleiotropic biological functions across multiple systems in animals. In addition to promoting erythropoiesis, it contributes to angiogenesis, neuroprotection, renal and cardiac protection, immunomodulation, and the regulation of reproductive and gastrointestinal systems. This product is an in vitro–transcribed hEPO mRNA, which can be transiently expressed in cells to support research on the biological activity and regulatory mechanisms of hEPO.

Composition

Specification	CT134-01	CT134-10	CT134-100
hEPO mRNA (N1-Me-Pseudo UTP)	100 µg	500 µg	1 mg

Information

Product Name	hEPO mRNA (N1-Me-Pseudo UTP)
mRNA Length	847 nt
Concentration	2 mg/mL
Storage buffer	MilliQ water
Storage Temperature	-80°C to -65°C
Shipping Conditions	Shipped on dry ice

Applications

For studies on the regulatory functions of hEPO in biological activities and life processes.

Notes

This product is for research use only. It is not intended for use in human or veterinary diagnosis or therapy.



Poochon Scientific

5350 Partners Court, Suite C, Frederick, MD 21703

<https://www.poochonscientific.com/>

+1 301-761-4835

support@poochonscientific.com

