

## CATUG hEPO mRNA (N<sup>1</sup>-Me-Pseudo UTP)

Catalog No. CT134

### Product Summary

hEPO mRNA (N<sup>1</sup>-Me-Pseudo UTP) encodes human erythropoietin (hEPO), a hormone that controls red blood cell production or erythropoiesis. hEPO also plays a role in wound healing and the response of the brain to nerve injury. In addition to significantly promoting hematopoiesis, hEPO also has effects on angiogenesis, brain protection, kidney protection, heart protection, immune regulation, and the protection of the digestive and reproductive systems. This product is an *in vitro* transcribed hEPO mRNA that can be transfected into cells and enables efficient expression. It can be used for experimental studies and validation of the regulatory functions of hEPO in various biological processes.

### Unit Size

|   | CT134-01 | CT134-10 | CT134-100 |
|---|----------|----------|-----------|
| hEPO mRNA (N <sup>1</sup> -Me-Pseudo UTP) | 100 µg   | 500 µg   | 1 mg      |

### Product Information

|                     |  |
|---------------------|--|
| <b>Name</b>         | <b>hEPO mRNA (N<sup>1</sup>-Me-Pseudo UTP)</b> |
| mRNA length         | 847 nt   |
| Concentration       | 2 mg/mL  |
| Storage Buffer      | MilliQ water                                   |
| Storage Temperature | -80°C to -65°C                                 |
| Shipping Condition  | Gel coolant/dry ice                            |

### Product Applications

1. Analytical and process development
2. Formulation screening and validation
3. Expression system validation

### Notes

This product is for research use only and is not intended for diagnostic or therapeutic use in human.

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