



## Firefly Luciferase (FLuc) mRNA

**Code:** 7001-203

**Description:** Firefly Luciferase (FLuc) mRNA – length 1809 nt + 120 A (polyA tail)

**Concentration:** ~ 1 µg/µl (final concentration will be provided in product insert)

RNA concentration will be determined by spectrophotometer ( 1 A<sub>260</sub> = 40 µg/ml RNA)

Acceptable ratio of A<sub>260</sub>/A<sub>280</sub> : 1.8 – 2.3 (in TE buffer, pH 8)

The RNA is transcribed with T7 RNA polymerase and ARCA-NTP-Mix (containing 100% m5CTP and 100% ΨTP) from a linear template generated by PCR. Purified mRNA is treated with Antarctic phosphatase and re-purified.

RNA will be analysed on Agilent Bioanalyzer 2100.

ISO 13485 certified product

AMSBIO | [www.amsbio.com](http://www.amsbio.com) | [info@amsbio.com](mailto:info@amsbio.com)

 **UK & Rest of the World**  
184 Park Drive, Milton Park  
Abingdon OX14 4SE, UK  
T: +44 (0)1235 828 200  
F: +44 (0) 1235 820 482

 **North America**  
1035 Cambridge Street,  
Cambridge, MA 02141  
T: +1 (617) 945-5033 or  
T: +1 (800) 987-0985  
F: +1 (617) 945-8218

 **Germany**  
Bockenheimer Landstr. 17/19  
60325 Frankfurt/Main  
T: +49 (0) 69 779099  
F: +49 (0) 69 13376880

 **Switzerland**  
Centro Nord-Sud 2E  
CH-6934 Bioggio-Lugano  
T: +41(0) 91 604 55 22  
F: +41(0) 91 605 17 85