

Product datasheet for **SC206757**

EGFR (NM_201284) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: EGFR (NM_201284) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: EGFR
Synonyms: ERBB; ERBB1; ERRP; HER1; mENA; NISBD2; PIG61
ACCN: NM_201284
Insert Size: 523 bp
Insert Sequence: >SC206757 3'UTR clone of NM_201284
 The sequence shown below is from the reference sequence of NM_201284. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGATCATCACGGCCTCCTCCTGCCACTGAGCCTCATGCCTTCACGTGTCTGTTCCCCCGCTTTTCCT
TTCTGCCACCCCTGCACGTGGCCGCCAGGTTCCAAGAGTATCCTACCCATTTCTTCCCTCCACTCC
CTTTGCCAGTGCCTCTCACCCCAACTAGTAGCTAACCATCACCCCAAGGACTGACCTCTTCTCCTCGC
TGCCAGATGATTGTTCAAAGCACAGAATTTGTCAGAAACCTGCAGGGACTCCATGCTGCCAGCCTTCTC
CGTAATTAGCATGGCCCCAGTCCATGCTTCTAGCCTTGTTTCTTCTGCCCCTCTGTTTGAATTCTAG
AGCCAGCTGTGGGACAATTATCTGTGTCAAAGCCAGATGTGAAAACATCTCAATAACAACTGGCTGC
TTTGTTCATGCTAGAACAACGCCTGTACAGAGTAGAACTCAAAAATATTTGCTGAGTGAATGAACA
AATGAATAAATGCATAATAAATAATTAACCACCAATCCAA
ACGCGTAAGCGGCCGCGCATCTAGATTCTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_201284.2](#)



[View online »](#)

Summary:

The protein encoded by this gene is a transmembrane glycoprotein that is a member of the protein kinase superfamily. This protein is a receptor for members of the epidermal growth factor family. EGFR is a cell surface protein that binds to epidermal growth factor, thus inducing receptor dimerization and tyrosine autophosphorylation leading to cell proliferation. Mutations in this gene are associated with lung cancer. EGFR is a component of the cytokine storm which contributes to a severe form of Coronavirus Disease 2019 (COVID-19) resulting from infection with severe acute respiratory syndrome coronavirus-2 (SARS-CoV-2). [provided by RefSeq, Jul 2020]

Locus ID: 1956**MW:** 19.8