

## Product datasheet for **SC109291**

### REXO5 (NM\_030941) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	REXO5 (NM_030941) Human Untagged Clone
Tag:	Tag Free
Symbol:	REXO5
Synonyms:	NEF-sp
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_030941, the custom clone sequence may differ by one or more nucleotides

```
ATGGAGCCAGAGAGGGAAGGGACCGAGAGACACCCAGGAAGGTCAGGGAAAGCAGGCAGGCCCAATA
AGCTGGTCGGGGCAGCTGAGGCGATGAAAGCCGGTTGGGATCTCGAGGAGAGTACAGCCGAGGCCAAGAA
AGCCCGCTTATCTACCATTTTACTGACAACGTGAAGTAACCCATGACCAGCTGTGTGAATTGCTG
AAGTATGCAGTTCTGGGCAAATCCAATGTTCCAAAACCCAGCTGGTGCCAGCTTTTTTCATCAAACACC
TAAACAACGTAGTGGTTTTTGTCTGCAGGGAATGAGTCAGCTACACTTTTACAGGTTCTATTTGGAGTT
TGGATGTCTTCGAAAAGCATTTCAGACATAAATCCGCTTGCCCTCCACCATCATCTGATTTTCTAGCTGAT
GTTGTTGGGCTACAACTGAACAAAGAGCTGGAGATCTGCCCAAGACAATGGAAGGGCCTTTACCTTCTA
ATGCAAAAGCCGCATCAACCTTCAGGATGATCCCATCATTCAAAGTATGGCTCTAAGAAAGTGGGCTT
GACCAGATGCCTTCTGACAAAGGAGGAAATGAGAACGTTTCACTTTCCATTACAAGGTTTTCTGATTGT
GAAAACTTTTACTTACCAAATGTAATGGTTCTATAGCAGACAATAGTCCTCTCTTTGGACTTGACTGTG
AAATGTGCCTCACATCCAAGGGGAGAGAGCTAACACGCATCTCACTGGTTGCTGAAGGAGGCTGCTGTG
TATGGATGAACTGGTCAAACCTGAAAACAAGATTCTGGACTACCTCACCAGCTTTTCGGGAATCACGGAAG
AAGATTCTTAACCCAGTGACGACCAAACCTCAAAGATGTACAGAGGCAGTTAAAAGCACTGCTTCCTCCTG
ATGCTGTGTTAGTGGGCCACTCCTTAGATTTGGATCTCAGAGCACTGAAAATGATACATCCATATGTTAT
TGATACATCGTTGCTTTATGTCAGAGAGCAGGGCAGAAGATTTAAGCTCAAGTCTTAGCCAAAGTTATT
TTGGGGAAGGATATACAGTGTCCAGACAGACTTGGTCATGATGCCACAGAAGATGCTAGAACAATCCTTG
AATTGGCTCGGTATTTCCCTTAAGCATGGCCAAAAAAGATTGCAGAACTAAATCTAGAAGCACTAGCTAA
TCACCAAGAAATACAAGCAGCAGGCCAAGAGCCTAAAAACACAGCAGAAGTACTTCAGCACCCAAACACA
AGTGTTTTAGAATGCTTGGATTCACTGGGTCAGAAGCTTCTTTTTTTGACCCGGGAGACAGATGCTGGTG
AACTTCCATCTTCCAGAAATTGTCAAACCTATTAAGTGTCTTTCAAATAAAGAGGTTCTTGAGCAGGCCAG
AGTGGAATCCCCCTGTTTCCCTTCAGCATTGTTCACTTCTTTTTAAGGCCTTTTCACCTGTCCCTCACT
GAGGAGATGAACAAAAGGATGAGGATCAAGTGGACAGAGATATCAACTGTCTATGCTGGGCCATTTAGCA
AAAATTGCAATCTCAGGGCTCTGAAGAGGCTGTTTAAAAGCTTTGGCCAGTCCAGTCAATGACTTTTGT
TCTTGAACCCGTCAGCCTCATCTGTATACAGTATGAAGTCTAGAAGCTGCCAGCTGGCCATAGAA
TCCTTGGATGGTATTCTGGTAGATGGTATCTGCATCAAGGTGCAGAGGCCTGTGACAGAGCTCACGCTG
ATTGTGACACCCTCGTGAATGAGCTGGAAGGAGATTCTGAAAACCAAGGCTCTATATATCTGTCTGGAGT
GAGTGAACCTTCAAAGAACAGCTATTGCAGGAGCCCGCCTCTTCTTGGCCTGGAAGCTGTGATCTTG
CCTAAAGATCTTAAAAGTGGAAAGCAGAAAAAATACTGTTTCTGAAATTCAAAAGTTTTGGCAGTGCC
AGCAGGCCCTCAACATTCTCACAGGCAAGGACTGGAAGCTGAAAGGCAGGCATGCCCTAACCCCCAGGCA
CCTCCATGCCTGGCTCAGAGGCTTACCACCTGAATCAACAAGGCTCCCAGGGCTTCGTGTTGTACCTCCC
CCCTTTGAACAGGAGGCTTGCAGACTCTGAACTGGACCACCCGAAGATAGCAGCCTGGCGCTGGAGCC
GGAAGATTGAAAGCTCTACAACAGCTTGTGCCGGGCACTCTCTGCCTCATCTGCTGCCAGGAACCAA
GAGCACTCATGGTCACTCTCTGGTCTAGGACTGATGGGAATAAAAGAGGAAGAAGAAGCGCTGGCCCA
GGCCTGTGTTCTGTA
```

<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for NM_030941 unedited            GTTCAGATTTTNGTATACGACTTACTATAGGGCGGCCGNAATTCGCACGAGGGGCTAA            GGAGGGGAGAACCTCTGCTCCCCGCCCGTCTTCTCTTCTGCGTTTCCCGGGCTAGGGGGC            GTGGGGAGTGGTTTTAGGCGCGGAAGCCGCTCGGCAGCACCTTCTTCTTTGCCAGGCAG            ACGCCCGTTGTAGCCGTTGGGGAACCGTTGAGAATCCGCCATGGAGCCAGAGAGGGGAAGG            GACCGAGAGACACCCAGGAAGGTGAGGAAAGCAGGCAGGCCCAATAAGCTGGTCCG            GGCAGCTGAGGCATGAAAGCCGTTGGGATCTCGAGGAGAGTCAGCCCGAGGCCAAGAA            AGCCCGTTATCTACCATTTTATTACTGACAACGTGTAAGTAACCCATGACCAGCTGTG            TGAATTGCTGAAGTATGCAGTTCTGGGCAAATCCAATGTTCCAAAACCCAGCTGGTGCCA            GCTTTTTTCATCAAACACCTAAACAACGTAGTGGTTTTTGTCTGCAGGGAATGAGTCA            GCTACACTTTTACAGTTCTATTTGGAGTTTGGATGTCTTCGAAAAGCATTACAGACATAA            ATTCCGCTTGCCTCCACCATCATCTGATTTTCTAGCTGATGTTGTTGGGCTACAACTGA            ACAAGAGCTGGAGATCTGCCAAGACAATGGAAGGGCCTTACCTTCTAATGCAAAGC            CGCCATCAACCTCAGGATGATCCCATCATTCAAAGTATGGCTCTAAGAAAAGTGGGCTT            GACCAGATGCCTTCTGACAAGGGAGAATGAGAAGTTCCTTTCCATTACANGGTTNTC            CTGATTGTGAAACTTTNTACTTACCAATGTNATGGTTCTATAGCAGACATAGTCCTCTTT            TTGACTTGACTGTGAAATGTGCCTCCATCCAGNGAGAGAGCTA</p>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for NM_030941 unedited            CGCAGGCCTCAATTTTAGAGNCGAGTTTTTTTTCTTTTTTTTTCTATGCTTGAACCTTA            TGCATTTATTGAAAACCTATACATGCCATATAAACAACCTAAACTCTTTTAGCTGCTATA            CCAAGTTTCCATAAAGCTGTCTGCTGGTTGGGGAGGCTACAGCCTGACCACATTCTTTGC            CATTGCCTACAAGGGGTAAAGAAATGGCAGATGGAACATGGCAGGCCGACTCACGAACAC            AGGCCTGGGCCAGCGCTTCTTCTTCTCTTTTATTTCCATCAGTCTAGACCAGAGAGT            GAACCATGAGTGTCTTGGTTTCTGGCAGCAGGATGAGGCAGAGAGTGCCTGGGCGACAAG            CTGTTGTAGAGCTTTCCAATCTTCCGGCTCCAGCGCCAGGCTGCTATCTTCGGGTGGTCC            AGTTTCAGAGTCTGCAAGGCCTCCTGTTCAAAGGGGGAGGTACAACACGAAGCCTGGG            AGCCTTGTGATTAGGTTGAGCCTCTGAGCCAGGCATGGAGGTGCCTGGGGTTAGG            GCATGCCCTGCCTTTCAGCTTCCAGTCTTGCCTGTGAGAATGTTGAGGGCCTGCTGGGCA            CTGCCAAAACCTTTTGAATTTTCAGGAAACAGTATTTTTTCTGCTTTCCACTTTTAAGATCT            TTAGGCAAGATCACAGCTTCCAGGCCAAGAAAGAGGCGGNGCTCCTGCAATAGCTNGTCT            TTGAAGTTNCACTCACTCCAGACAGATATATAGAGCCTTGGTTTTTCAGATCTCCTTCAGC            TCATCACGAGGGTGCACAATCAAGCGTGACCTCTGTACAGGCCCTGCACCTGACGGGTT            CAAGACCAAAGCATTGACTGGACTGGGCCAAAGCTTTAAACAGNCTCTCAAACCCCTGAG            ATTGCATTTTGTAAATGCCACCATACACAGTGAATTTTT</p>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_030941
<b>Insert Size:</b>	2550 bp
<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_030941.1](#), [NP\\_112203.1](#)

**RefSeq Size:** 2716 bp

**RefSeq ORF:** 2325 bp

**Locus ID:** 81691

**UniProt ID:** [Q96IC2](#)

**Cytogenetics:** 16p12.3

**Domains:** RRM, EXOIII