

## Product datasheet for **RN200559**

### Elov15 (NM\_134382) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Elov15 (NM\_134382) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Elov15  
**Synonyms:** rELO1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN200559 representing NM\_134382  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGGAACATTTTCGATGCGTCACTCAGTACCTATTTTCAGGGCATTACTGGGCCCCCGAGACACACGAGTCA  
AAGGATGGTTTCTTCTGGACAATTACATCCCTACGTTTGTCTGCTCTGCCATTTATTTACTCATCGTGTG  
GCTGGGACCAAAATACATGAAAAACAGGCAGCCGTTCTCTTGCCGAGGCATCCTGGTGGTATAATCTT  
GGGCTCACCTGCTGCTCTCTACATGTTCTATGAGTTGGTGACAGGTGTGTGGGAAGGCAATACAAC  
TCTTCTGTGAGGGAACACGCAGCGCAGGAGAATCAGATATGAAGTTATTCGTGTCTCTGGTGGTACTA  
CTTTTCCAAACTCATAGAATTCATGGACACCTTTTTTCTTATTCTTCGTAAGAACAACCACCAGATCACA  
GTCCTGCACGCTACCACCATGCCACTATGCTCAACATCTGGTGGTTTGTGATGAAGTGGTTCCCTGCG  
GCCATTCGTAATCGGTGCGACGCTCAACAGCTTCATCCACGTCCTCATGTAAGTGGTACTATGGCCTGTC  
CTCTGTCCCTCCATGCGTCCCTACCTCTGGTGGAAAAAGTACATCACTCAGGGGCAGCTGGTCCAGTTT  
GTGCTGACAATCATCCAGACCAGCTGCGGGTCACTGCGCCGTGCTCCTCCCTCTCGGGTGGCTGTACT  
TCCAGATCGGATACATGATTTCCCTGATTGCTCTCTTCAAACTTCTACATTGACTTACAACAAGAA  
AGGGGCTCTCGGAGAAAGAGCACCTGAAGGGCCACCAGAACGGGTCTATGACTGCCGTCATGGACAC  
ACCAACAACCTTTGCTTCCCTGGAGAACAGTGTGACGTCGAAGGAAGCAGCGGAAGGAT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_134382  
**Insert Size:** 900 bp



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<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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_134382.1</a> , <a href="#">NP_599209.1</a>
<b>RefSeq Size:</b>	900 bp
<b>RefSeq ORF:</b>	900 bp
<b>Locus ID:</b>	171400
<b>UniProt ID:</b>	<a href="#">Q920L7</a>
<b>Cytogenetics:</b>	8q31
<b>Gene Summary:</b>	human homolog is involved in the elongation of long-chain polyunsaturated fatty acids [RGD, Feb 2006]