

Product datasheet for RN209575

Elov16 (NM_134383) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elov16 (NM_134383) Rat Untagged Clone
Tag: Tag Free
Symbol: Elov16
Synonyms: Lce2; rELO2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209575 representing NM_134383
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**

ATGAACATGTCAGTGTGACTTTACAAGAATATGAATTCGAGAAGCAGTTCAACGAGAATGAAGCCATCC
 AATGGATGCAGGAAAACCTGGAAGAAATCTTTCCTGTTTCTGCGCTGTACGCTGCCTTTATTTGGTGG
 TCGGCATCTGATGAACAAGCGGGCCAAGTTTGAAGTGGGAAGCCGCTCGTGCTCTGGTCACTGACTCTT
 GCGGTCTTCAGTATATTCGGTGTCTTCGAACTGGTGTACATGCTGTACATTTTGATGACCAAAGGCC
 TGAAGCAGTCAGTTTGTGACCAGAGTTTTTACAACGGACCTGTCAGCAAATTCGGGCTTACGCGTTTGT
 GCTCAGCAAAGCACCCGAAGTAGGTGATACGATATTCATCATTCTGAGGAAGCAGAAGCTGATCTTCCTG
 CACTGGTACCACCACATCACTGTCTCCTGTACTCTTGGTACTCCTACAAAGACATGGTAGCTGGGGGTG
 GTTGGTTCATGACTATGAACTATGGCGTACACGCCGTCATGTACTCTTACTACGCCTTGGGGCTGCGGG
 TTTCCGGGTCTCCCGAAGTTTGCCATGTTTCATCACGTTGTCCAGATCACTCAGATGCTGATGGGCTGT
 GTCATTAACCTGGTCTTCAACTGGATGCAGCATGACAATGACCAGTGCTACTCCACTTTTCAGAACA
 TCTTCTGGTCTCACTCATGTACCTCAGCTACCTTCTGCTCTTCTGCCATTTCTCTTTGAGGCCATCAT
 CGGCAAAGTGAAGAAAGCGACGAAGGCCGAGTAG

AG**GCGACCG**ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_134383
Insert Size: 804 bp



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OTI Disclaimer:	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).
Components:	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:	<ol style="list-style-type: none">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:	<u>NM_134383.2</u> , <u>NP_599210.1</u>
RefSeq Size:	2490 bp
RefSeq ORF:	804 bp
Locus ID:	171402
UniProt ID:	<u>Q920L6</u>
Cytogenetics:	2q42
Gene Summary:	mouse homolog is a long chain fatty acyl elongase [RGD, Feb 2006]