

Product datasheet for **RN215456**

Extl3 (NM_020097) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Extl3 (NM_020097) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Extl3
Synonyms:	Regr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215456 representing NM_020097
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAGGCTATACCATGTTGCGGAATGGGGAGTGGGGAACGGTGGTCAGACCTGTATGCTGCGCTGGT
 CCAACCGCATCCGGCTGACCTGGCTGAGTTTCAGCTGTTTCATCATCCTGGTCTTCTTCCCCTCATTGC
 CCACTATTACCTCACTCTGGATGAGGCAGATGAGGCCGCAAGCGCATCTTTGGCCCCGGGCTGGC
 AACGAGCTCTGTGAGGTAAGCACGCTCCTAGATCTTTGTCGGATCCGCGAGTCTGTGAGCGAAGAGCTTC
 TACAGCTAGAAGCAAGCGGCAGGAGCTGAACAGCGAGATTGCCAAGCTAAACCTCAAGATTGAAGCCTG
 TAAGAAGAGTATAGAGAACGCCAAGCAGGACCTGCTGCAGCTCAAGAATGTCATTAGCCAGACAGAGCAC
 TCCTACAAGGAGCTGATGGCCAGAACCAGCCAAACTGCTACTGCCATCCGGTCTCCCTGAGAAGG
 ATGACGCTGGCCTCCACCCCCAAGGTAAGTCTCGGGTTCGGGTACACAAGTCTTTCGATTACTCTCG
 TTGCCCTCTGACGCTGGCTTTCTGTCTTCGTCTATGACAGTGACCAGTTTGCCTTTGGGAGCTACCTG
 GACCTTTGGTCAAGCAGGCTTTTCAGGCTACAGTGAGAGCCAACGTTTATGTTACAGAAAATGCAGCCA
 TCGCCTGCCTGTATGTGGTGTAGTGGGAGAGATACAAGAGCCCGCTGTGCTGCAGCCTGCCGACCTTGA
 GAAGCAGCTGCATTCTCTGCCACACTGGAGGACAGACGGACACAACCATGTCATCATCAATCTGTCCCGG
 AAGTCAGACACACAAAATTTACTGTACAATGTCAGTACAGGTCGGGCCATGGTGGCCAGTCTACCTTCT
 ATGCTGCCAGTACAGAGCTGGCTTTGACTTGGTTGTGTACCAGTGTCCATGCCATGTCTGAACCCAA
 CTTTCATGGAATCCCACCGCAGGTGCCAGTTAAGCGGAAATATCTTCACTTTCCAGGGTGAGAAGATT
 GAGTCTTAAGATCTAGCCTTCAGGAGGCCGTTTCCTTTGAGGAAGAAATGGAGGGTGACCTCCGGCCG
 ACTATGATGATCGAATCATTGCCACCTCAAGGCCGTACAGGACAGCAAGCTAGATCAGGTGCTGTGATA
 ATTTACTTGCAAAAACAGCCAAAGCCCAAGTCTGCCTACTGAGTGGGCACTGTGTGGGAGCGGGAGGAC
 CGGCTAGAGTTACTGAAGCTCTCCACCTTCGCCCTCATCATCACTCCCGGGACCCGAGCCTGCTTATCT
 CATCTGGCTGTGCAACACGGCTCTTTGAAGCCTTGGAGGTGGGAGCTGTGCCTGTGTCTTGGGGAGCA
 GGTGCAGCTTCCGTACCACGACATGCTACAATGGAATGAGGCCGCCCTAGTGGTGCCTCAAGCCTCGTGT
 ACAGAGGTTCACTTCTGTACGAAGTCTGTGACAGAGTATCTGTTGGCTATGAGGCGGCAAGGCCGCT
 TTCTCTGGGAGACCTACTTCTCCACCGCTGACAGTATTTTAATACCGTGTGGCCATGATTAGGACTCG
 AATTGAGTCCCAGCTGCTCCATCCGGGAAGAGGTAGCAGCTGAGATCCCCATCGTTCAGGCAAGGCA
 GCTGGTACTGACCCCAACATGGCTGACAATGGGACCTGGACCTGGGGCCGTAGAGACAGAGCCGCCCT
 ATGCCCTACCTAAATACCTCCGTAATTTCACTCTGACTGTCACTGACTGTTACCGCAGCTGGAACCTCCG
 ACCCGGACCTTTCCATCTTTTTCCACACACACCCTTTGACCCTGTGCTGCCCTCTGAGGCCAAATTCCTG
 GGCTCAGGGACTGGATTTTCGGCCATCCGGTGGTGGGGCTGGGGGCTGGCAAGGAGTCCAGGCAGCGC
 TTGGAGGCAATGTCCAGCGGGAGCAGTTCACAGTTGTGATGCTGACCTACGAGCGGGAGGAAGTGCAT
 GAACTCCCTGGAGAGGCTCAATGGCCTCCCCTACCTGAACAAGGTAGTGGTGGTGTGGAACCTCTCCCAAG
 CTGCCCTCGGAGGACCTTTGTGGCCAGACATGGTGTCCCCATCATGGTTGTCCGTAAGAGAGAACA
 GTTTGAACAATCGGTTCTTGGCCGGAATGAGATAGAGACAGAGGCAATATTGTCCATCGATGACGATGC
 CCACCTCCGCCATGATGAAATCATGTTCCGGTTCGGGTGTGGAGAGAGGCGCGTATCGCATTGTGGGG
 TTCCCTGGCCGGTACCATGCGTGGGACATCCCTCACCAGTCTGGCTCTACAACCTCAACTACTCCTGTG
 AGCTGTCCATGGTGTGACGGGTGCTGCCTTCTTTCACAAGTATTACGCTACCTGTATTCTTATGTGAT
 GCCCCAGGCCATCCGAGACATGGTGGATGAGTATCAACTGTGAGGATATCGCCATGAACCTTCTTGTG
 TCCCACATCACACGGAAGCCCCCATCAAGGTGACATCGAGGTGGACTTTTCGATGCCCGGGGTGCCCTC
 AGGCCCTGTCCCACGATGACTCTCACTTTCATGAGCGGCACAAGTGTATCAACTTTTTGTCAAGGTGTA
 CGGCTATATGCCTCTCCTGTACACAGTTTAGGGTGGACTCTGTGCTCTCAAGACCCGCTGCCCAT
 GACAAGACCAAGTCTTCAAGTTCATC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN:	NM_020097
Insert Size:	2760 bp
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:	NM_020097.1 , NP_064482.1
RefSeq Size:	3198 bp
RefSeq ORF:	2760 bp
Locus ID:	56819
Cytogenetics:	15p12-p11
Gene Summary:	mediates a growth signal of Reg protein for beta-cell regeneration [RGD, Feb 2006]