

Product datasheet for **RN205076**

Extl1 (NM_001107985) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Extl1 (NM_001107985) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Extl1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN205076 representing NM_001107985
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGTGGAGAAGAAATCCTTCTGGCTGGCATTGTGTCAGCCTTCTGGCTCCTCCTCATCCTCCTAGGAG
 TCTTCCCCTTCGCTGGCAGTGTCTCCCGTCTCTTCCAGGGCGCTCCAAGGTTGGCCCCGCTGGCT
 GGATGCTACCTTCTACAGAGTTTCTCCAGCCTGAGACGAACCCGAAGAAGATGTTCAACAGCTCCCT
 CGAGTCTCCCGGGGAGCAGCTGCACCTGGGGAGCCTGCTTTGACACCTCCAAATGTAGGGGAAAGTCC
 TCAAGATCTTTGTACACTCCGCGCTGGTCCGACCACTGAGGCTCAGCGCAGGATCCTGGACTCCTTGA
 GGGCTCCCGCTACTATGCACTCAGCCAGCGGAGGCTTGCCTTCTCTTTCTCCCGAGCCAGGACCGT
 AGAGGAGCATGCGGGCCCTGCCTCCGAACGAACTGGAACGGAGGCCGAACCATCTGGTGCTCAGTCTTACC
 CAGCCCCTTGCACAGGCTGGGACAGGCGATGGTAGCTGAGGCTAGCCCCCTCTTGGACATCTCCGACC
 AGGCTTCGATGTAGCGCTCCCGTATCTCCCTGAAGCTCACCCATTGAAAGCGGGGCCCTGGCAGCCTG
 CAGCGGCACGGTCCCAGCCTGGGGCCACCTTAGTGGCGGTAGCAGAGGAGAGGGGAGGTTGGCGTATTA
 CAACCACCACGCCTCAGCCTGCCCTGGGACAGGAAGTGAACAAGATCCTGGACCCCAACAGACCTA
 CCCAGGAGAGATACTTCCAATGTACCTTCTGCCTCATTCTGGCCACCGATCTGCTACCTCCTGCTTT
 CTCCAAGCCCTCAGGCTGGCTGCATCCCTGTGCTCCTCAGCCCCGCTGGGAGCTGCCTTTCTGAA
 TCATCGACTGGACCAAGCAGCCATCGTTGCGGATGAGAGGCTCCCACTGCAGGTTCTGGCTGCGCTCCG
 TGAATGCTCCCTTCGCGGGTTCGCGCTGCGCCAGCAGACCCAGTTTCTGTGGACCGTTACTTCTCC
 TCAGTGGAAAAAGTCGTTACATACCACCCTAGAGATCATTACAGACCGGATCTGGGGTGCATCAGCTACC
 CCTCACTGATGTGAATAGCCCCCGGGGGCACTCCTGGCTCTGCCACTTTTTCCACGAGCCTCAAGA
 CTTCCCTTTTATCATCTGCAACTGGGCTCCAGCCCTGGGAGCAGTTTCAGCGCCGTGATCTGGGTGGGC
 GTCTCCGAAGAGTCCCGCCGAAGCTCATCCAGGAAGTGGCAGGTTCCCGCACTGTGCCAGATCCTGA
 TCCTCTGGAACAGTGAGAAGCCACCCCTGATAGGTGGCCCAAGACAGCAGTGCCCTAACAGTCATTGA
 GGGACACAGGAAGGTGAGCGACCGTTTCTTCTGTACAGCAACATCAGCACCAATGTCATCCTCAGCCTT
 GATGCTCAGAGCACTCTTCTACCAGTGGGTTGACTTTGCCCTTGTGGTGTGCCAGAGTTTTCTGAGC
 GGATGGTGGCTTTGTGACGTGGAGCCACTTCTGGGATGAGGCCCGCAGGGCTGGGGCTACAGTGTGA
 GATGGCCAATGAATTCTCCATGGTCTGACCACCGCGCTTCTACCACAGATACTACCACCCCTTTC
 ACTCACTCCCTGCCTAAAGCCCTGAGGAGCATAGCCGATGAGACTCCACCTGTGTTGACATCCTGATGA
 ACTTCTGGTAGCAACCGTCACCAAACTGCCCCCTATCAAGGTGCCTTACAGCAGGCAGCACCAGGAGGC
 TGCACCAATGGCTTCTGAGGGTCCAAGACCCGTGCCGGAGCCTCAGGCCCTGGATCAGGACTGCATCAAC
 CGTTTAGCAGCAGGGCTGGGCCACATGCCTCTGGTTTCTCTCGAGTGCCTCTGGATCCGGTGTGTTCA
 AGGACCCGGTATCAGTGAACGCAAGAAGTATCGCAGTTTAGAGAAACCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001107985

Insert Size: 2013 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:

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_001107985.1](#), [NP_001101455.1](#)

RefSeq Size: 3364 bp

RefSeq ORF: 2013 bp

Locus ID: 313610

Cytogenetics: 5q36