

Product datasheet for **RN203496**

Ext2 (NM_001107751) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ext2 (NM_001107751) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ext2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN203496 representing NM_001107751
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTGTGCGTCCGTCAAGTCCAACATCCGGGGTCTGCCCTCATCCCAAGGATGAAGACCAAGCACCCGGA
 TCTACTACGTCAACCTGTTCTCCATCGTCTCCTGGGCCTCATCGCCACTGGCATGTTTCAGTTCCTGGCC
 TCACTCCATCGAGTCTCCAGCGATGGGGGTGGAGAAAACGCAGCATCCGGGAAGTGCCAGTGGTCAGG
 CTGACAGCTGACAGCCCTATCCCAGAGCGGGGGATCTCAGCTGTAGAATGCACACGTGTTTCGATGTCT
 ACCGCTGCGGCTCAACCCAAAGAACAATAAAGGTGTACATCTACCCCTAAAGAAGTACGTGGATGA
 CGCCGGTGTCCGGTGAGCAGCGCCATCTCCGGGAGTACAATGAACTGCTCACAGCCATCTCAGACAGT
 GACTACTACAGATGACATCAGCCGAGCTGTCTGTTCTGCCCTCCATTGATGTGCTGAACCAGAACC
 CCCTTCGAATCAAGGAGACAGCGCAAGCCCTGGCCAGCTTCCAGGTGGATCGAGGGACAATCACT
 GCTGTTCAACATGTTGCCTGGAGTCTCCAGATTACAACACTGCCCTGGATGTCCCAGAGACAGGGCA
 CTGCTGGCTGGTGGCGGCTTTCTACCTGGACTTACCGGCAAGGCTACGATGTCAGCATTCTGTTTTCA
 GCCCACTGTCAGCCGAAGTGGCTCTCCAGAGAAAGCACCAGGTTCCCGCGGATACTTCTGCTGTCTCTC
 TCAGATGGCCATCCACCCTGAGTACAGAGAGAACTAGAAGCCCTCCAGGCCAAACACAGAGAGTCCGTG
 TTAGTCTTAGACAAATGCACCAATCTCTCAGAGGGCGTCTTCCATCCGAAAGCGCTGCCACCAGCACC
 AGGTCTTTGATTACCCCAAGTACTGCAGGAGGCTACTTTTTGTACGGTCTTCGAGGAGCTCGGCTGGG
 CCAGGCAGTGTGAGCGATGTCTTACAGGCTGGCTGTGCCAGTTGTCATTGCAGACTCTTACATTCTG
 CCTTTCTCTGAAGTCTGGACTGGAAGAGGGCATCTGTGGTCATTCCAGAGGAGAAGATGCAGATGTGT
 ACAGATCCTGCAGAACATCCCACAGAGCGAGATTGAAGAGATGCAGAGACAGGCAGATGGTTCTGGGA
 GGCATACTTCCGGTCCATTAAGCCATCGCCCTGGCCACCCTACAGATCATCAATGACAGGATCTATCCA
 TATGCAGCCATTTCTATGAAGAGTGAATGACCCCTCTGCTGTGAAGTGGGCTAGTGTGAGCAACCCGC
 TCTTCTCCCACTGATCCACCACAGTCGAAGGCTTCACTGCCATTGTCTCACCTATGACCGTGTGGA
 GAGCCTCTCCGGTTCATCACCAGGTGTCCAAGGTGCCAGTCTGTCCAAGCTGCTGGTGGTCTGGAAT
 AATCAGAATAAAAACCTCCAGAAGAATCTCTGTGGCCAAAATCCGTGTTCCCTGAAGGTTGTGAGGA
 CTGCAGAAAACAAGCTAAGTAATCGTTTCTTCCCTTACGATGAAATCGAGACAGAGGCCGCTGCGCCAT
 CGATGATGATATCATCATGCTGACCTCTGATGAGCTGCAGTTGGTTATGAGATTTTAATTACCTGAT
 ACCTACAAAATGCCTGGGACATCAAGAACTGGGTAGATGCTCACATGAACTGTGAAGATATTGCCATGA
 ATTTCTAGTGGCAATGTCACAGGGAAAGCTGTCATCAAGGTAACCCCAAGAAAGAAAGTTCAAGTGTC
 TGAGTGCACAGCCATCGACGACTCTCACTAGACCAGACTCACATGGTAGAGAGGTCTGAGTGCATCAAT
 AAGTTTGCTTCCGTCTTCGGAACGATGCCCTCAAGGTGGTGGAGCACCAGCAGACCCTGTACTCTACA
 AAGATGACTTCCCTGAGAAACTGAAGAGTTTCCCAACATCGGCAGCTT**GTGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107751
- 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_001107751.1](#), [NP_001101221.1](#)

RefSeq Size: 2732 bp

RefSeq ORF: 2013 bp

Locus ID: 311215

Cytogenetics: 3q31