

Product datasheet for **MR211177**

Extl3 (NM_018788) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Extl3 (NM_018788) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Extl3
Synonyms:	2900009G18Rik; AU040105; Ext1l; mKIAA0519
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>MR211177 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGACAGGCTATACCATGTTGCGGAATGGGGAGTGGGGAACGGTGGTCAGACCTGTATGCTGCGCTGGT
CCAATCGCATCCGGCTGACATGGCTGAGTTTCAGCTGTTTCATCATCCTCGTCTTCTTCCCCTCATTGC
TCACTATTACCTCACCCTCTGGACGAGGCAGACGAGGCTGGCAAGCGCATCTTCGGCCCTCGGGCTGGC
AGTGAGCTCTGTGAGGTAAGCACGTCCTCGATCTCTGTCGGATTCTGTGAGTCTGTGAGCGAAGAGCTTC
TACAGCTCGAAGCAAGCGGCAGGAGCTGAACAGCGAGATTGCCAAGCTGAACCTCAAGATTGAAGCCTG
TAAGAAGAGCATAGAGAATGCCAAGCAGGACCTGCTGCAGCTCAAGAATGTCATTAGCCAGACAGAGCAC
TCCTACAAGGAGCTGATGGCCAGAACCAGCCAACTGTCCCTGCCATCCGACTGCTCCCGGAGAAGG
ACGATGCCGGCTTCCACCCCCAAGGTAAGTACTCGGGTTCGCCCTTCAACTGCTTTGATTACTCTCG
TTGTCTCTGACGTCTGGCTTTCCGCTCTACGTCTATGACAGTGACCAGTTTGCCTTTGGGAGCTACCTG
GACCTTTGGTCAAGCAGGCTTTTCAGGCTACAGTGAGAGCCAACGTTTATGTTACAGAAAATGCGGCCA
TCGCTGCCTGTATGTGGTGTAGTGGGAGAAATGCAAGAGCCCACTGTGCTGCGGCTGCCGACCTTGA
AAAGCAGCTGTTTTCTCTGCCACACTGGAGGACAGATGGGCACAACCACGTCATTATCAACCTGTCCCGG
AAGTCAGACACACAGAATCTACTGTACAACGTCAGTACAGGCCGGGCATGGTGGCCAGTCCACCTTCT
ATGCTGCCAGTACAGAGCTGGCTTTGACCTGGTGTGTCACCCCTTGTCCATGCTATGTCTGAACCCAA
CTTCATGGAATCCCACCGCAGGTGCCAGTTAAGCGGAAATATCTTCACTTTCCAGGGCGAGAAGATC
GAGTCTCTGAGATCTAGCCTTCAGGAGGCCGTTTCCTCGAGGAAGAGATGGAGGGCGACCTCCGGCCG
ACTATCAGCATCGCATCATTGCCACCTAAAGGCCGTACAGGACAGCAAGCTGGATCAGGTGCTGTAGA
ATTCACTTGCAAAAACCGCAAGCCAGCCAGCCTGCCGACTGAGTGGGCACTGTGTGGGGAGCGGGAAGAC
CGCTGGAGTTACTGAAGCTCTCCACCTTCGCCCTCATCATCACTCCCGGGACCCGCACCTGCTCATT
CATCTGGGTGTGCCACGCGGCTCTTCGAGGCCCTGGAGGTGGGGCCGTGCCGGTGTGCTCGGGGAGCA
GGTGCAGCTCCCGTACCACGACATGCTGCAGTGGAAACGAGGCCGCCCTGGTGGTGCCTCAAGCCTCGCTC
ACAGAGGTCCACTTCTGTTACGAAGTCTTTCAGACAGTATGTTGGCCATGAGGCGGCAAGGCCGCT
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AATTGAGTCCCAGTGTCTCCATCCGGGAAGAGGTAGCGGCTGAGATCCCCATCGTTCAGGCAAAGCA
GCTGGAAGTACCCCAACATGGCTGACAATGGGACCTGGACCTGGGGCCGTAGAGACAGAACCACCT
ATGCCTACCTAAATACCTCCGCAATTTCACTCTGACTGTACAGACTGTTACCGTGGCTGGAACCTGTC
CCCGGGACCTTCCATCTTTTTCCCCACACACCCTTTGATCCTGTGTTGCCCTCTGAGGCCAAATTCCTG
GGCTCAGGACTGGATTTTCGGCCATCGGTGGCGGGGCTGGGGGCTTGGCAAGGAGTCCAGGCAGCGC
TCGGAGGCAATGTCCAGCGGGAGCAGTTCACAGTTGTGATGCTGACCTACGAGCGGGAGGAAGTGTCTAT
GAACTCCCTGGAGAGACTCAACGGCCTCCCCTACCTGAACAAGGTAGTGGTGGTGTGGAACCTCCTCAAG
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GTTTGAACAATCGGTTCTTCCCTGGAATGAGATTGAGACAGAGGCCATACTGTCCATCGACGATGATGC
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AGCTGTCCATGGTGTGACGGGCGCTGCCTTCTTTCACAAGTATTATGCCTACCTGTATTCTTATGTGAT
GCCCCAGGCCATCCGGGACATGGTGGACGAGTACATCAACTGTGAGGATATCGCCATGAACCTTCTTGTG
TCCCACATCACACGAAACCCCCATCAAGGTGACATCAAGGTGGACTTTTCGATGCCAGGGTGCCTC
AGGCCCTGTCCATGATGACTCTCATTTCACGAGCGGCACAAGTGTATCAACTTTTTGTCAAGGTGTA
CGGCTATATGCCTCTTGTACACAGTTCAGGGTGGACTCCGTGCTCTCAAGACCCGCTGCCCAT
GACAAGACCAAGTCTTCAAGTTTATC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAAGTTTAA

Protein Sequence: >MR211177 protein sequence
 Red=Cloning site Green=Tags(s)

MTGYTMLRNGGVNGGQTCMLRWSNRIRLTWLSFTLFIIIVFFPLIAHYLLTTLDEADEAGKRIFGPRAG
 SELCEVKHVLDLCRIRESVSEELLQLEAKRQELNSEIAKLNKIEACKKSIENAKQDLLQLKNVISQTEH
 SYKELMAQNQPKLSLPIRLLPEKDDAGLPPPKVTRGCR LHNCFDYSRCPLTSGFPVYVYDSQFAGSYL
 DPLVKQAFQATVRANVYVTENAAIACL YVVLV GEMQEPTVLRPADLEKQLFSLPHWRTDGHNHVIINLSR
 KSDTQNLLYNVSTGRAMVAQSTFYAAQYRAGFDLVVSPLVHAMSEPNFMEIPPQVPVKRKYLF TFQGEKI
 ESLRSSLQEARSFEEEMEGDPPADYDDRIIATLKAVQDSKLDQVLVEFTCKNQPKPSLPTEWALCGERED
 RLELLKLSTFALIITPGDPHLLISSGCATRLFEALEVGAVPVVLGEQVQLPYHDMQLWNEAALVVPKPRV
 TEVHFLRLSLSDDLAMRRQGRFLWETYFSTADSI FNTVLAMIRTRIQIPAAPIREEVAAEIPHRSGKA
 AGTDPNMADNGDLDPVETEPYASPKYLRNFTLTVTDCYRGWNSAPGPFHLFPHTPFDPVLPSEAKFL
 GSGTGFRPIGGGAGGSGKEFQAALGGNVQREQFTVVMLTYEREEVLMNSLERLNGLPYLKVVVVWNSPK
 LPSEDLWPDIGVPIMVVRETEKNSLNNRFLPWNEIETEAILSIDDDAHLRHDEIMFGFRVWREARDRIVG
 FPGRYHAWDIPHQSWLYNSNYSCELSMVL TGAFFHKYYAYLYSYVMPQAIRDMVDEYINCEDIAMNFLV
 SHITRKPPIKVTSRWTFRCPCQPALSHDDSHFHERHKCINFFVKVYGYMPLLYTQFRVDSVLFKTRLPH
 DKTKCKFKFI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

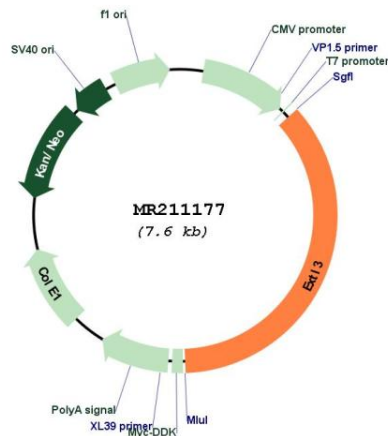
Cloning Scheme:



ACCN: NM_018788

ORF Size: 2760 bp

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_018788.3 , NP_061258.2
RefSeq Size:	5995 bp
RefSeq ORF:	2760 bp
Locus ID:	54616
Cytogenetics:	14 D1
MW:	104.5 kDa

Product images:


Circular map for MR211177