

Product datasheet for **RN207545**

Numb (NM_133287) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Numb (NM_133287) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Numb
Synonyms:	MGC188364
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >RN207545 representing NM_133287
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAAACTACGGCAGAGTTTCAGGAGAAAGAAAGATGTTTACGTCCCAGAGGCCAGCCGTCCACATC
 AGTGGCAGACAGATGAAGAGGGAGTCCGCACTGGAAAGTGCAGCTTCCCAGTTAAGTACCTTGGCCACGT
 AGAGGTTGATGAGTCAAGAGGAATGCACATCTGTGAAGATGCCGTCAAAAAGATTGAAAGCTACGGGAAAG
 AAAGCAGTGAAGGCCGTTCTGTGGGTATCAGCAGATGGACTCAGAGTTGTGGATGAAAAACTAAGGACC
 TCATAGTTGACCAGACAATAGAAAAAGTTTCTTTCTGCGCCCCGATAGGAACTTTGACAGAGCCTTTTC
 TTACATATGTCGAGATGGCACCCTCGGCGATGGATCTGTCTATTGCTTCATGGCTGTCAAAGACACGGGG
 GAAAGACTGAGCCATGCCGTGGGCTGTGCTTTTGCAGCCTGTTTAGAGCGTAAACAGAAGCGGGAAAGG
 AGTGTGGAGTCACTGCTACTTTTCGATGCCAGTAGAACCCTTTTACAAGAGAAGGATCATTCCGTGTAC
 AACTGCCACAGAACAAGCTGAAAGAGAGGAGATCATGAAACAGTTGCAAGATGCCAAGAAAGCTGAGACA
 GATAAGACCGTTGGTCCATCAGTGGCTCCTGGCAACAGTCTCCATCGCCGTCTCTCCACCTCCCCAA
 CTCTGGATCCCCTGCTTCTTTAGAGATGAACAATCCTCATGCTATCCCACGCCGGCATGCACCAATTGA
 ACAGCTTGCTCGCCAAGGCTCTTTCCGGGATTTCTGCTCTTAGCCAGAAGATGTACCCTTTAAACGC
 CAGCTGTCCCTACGCATCAATGAGCTGCCTTCCACTATGCAGAGGAAGACTGATTTCCCAATAAAAAACA
 CAGTGCCTGAGGTGGAAGGAGAGGCAGAAAGCATCAGTCCCTGTGCTCCCAGATCACCAGTGCCTTCAG
 CACACCCTGTGAGGACCCCTTCTCCTCTGCCCAATGACCAAACAGTGCATTAGTGGCACCACAGTCT
 CCTGTGTTACAAGGACTGAGTGGGTCAGTCTTCTGGTGTGCTCCTCCAGTCTCTCCAGGCTCTTCCAGGCTGGTC
 ACAGACGCACTCCCTCTGAGGCTGACCGTTGGTTAGAAGAAGTATCAAAAAGTGTGCGGGCCAGCAGCC
 GCAGGCCCTCAGCCGCCCTCTGCAGCCAGTCTGCAGCCTCCTCCGCCGCTGCCATTGCCCTCCAGCA
 CCTCCTTTCCAAGGACATGCATTCTCCTTCTCAGCCTGTGCCAGTGGGTGTGGTCCCACCCCTACAAC
 CAGCCTTTGTCTCTACCCAGTCTACCCTGTGGCCAATGGGATGCCCTATCCAGCCTCTAATGTGCTGT
 AGTGGGCATACCCCATCCCAGATGGTAGCCAATGTGTTTGGCACTGCAGGCCATCCTCAGGCCACTCAT
 CCACATCAGTCCCAAGCCTGGCCAAGCAGCAGACATCCCTCAATATGAGACAAGTAGTGTACCACCA
 GTCCTTCTTTAAGCCTTCTGCTCAGCACCTCAATGGTCTGCAGCTTTCATGGTGTAGACAATAGCGG
 GCTAGTCTCAGGAAACAGACCTGCACAAGTCCCTCCAGGCACCTGCCAGTGGATCCTTTTGGGCCAG
 TGGGCTGCACTAGAAAGCAAGCCAAGCAGCGCACCAACCCTCTCTACCAACCCTTTTCCAGTGATG
 CACAGAAGGCATTTGAAATAGAGCTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_133287
Insert Size: 1779 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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).</p>
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_133287.1, NP_579821.1</u>
RefSeq Size:	1779 bp
RefSeq ORF:	1779 bp
Locus ID:	29419
Cytogenetics:	6q24
Gene Summary:	putative inhibitor of Notch signaling that is involved in neural differentiation and maturation [RGD, Feb 2006]