OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC314186

NUMBL (NM_004756) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUMBL (NM_004756) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUMBL
Synonyms:	CAG3A; CTG3a; NBL; NUMB-R; NUMBLIKE; NUMBR; TNRC23
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

View online »

Fully Sequenced ORF:

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>OriGene ORF sequence for NM_004756 edited
ATGTCCCGCAGCGCGGCGGCCAGCGGCGGACCCCGGAGGCCTGAGCGGCACCTGCCCCCA
GCCCCCTGTGGGGCCCCGGGGCCCCCAGAAACCTGCAGGACGGAGCCAGACGGGGCGGGC
ACCATGAACAAGTTACGGCAGAGCCTGCGGCGGAGGAAGCCAGCCTACGTGCCCGAGGCG
TCGCGCCCGCACCAGTGGCAGGCAGACGAGGACGCGGTGCGGAAGGGCACGTGCAGCTTC
CCGGTCAGGTACCTGGGTCACGTGGAGGTAGAGGAGTCCCGGGGAATGCACGTGTGTGAA
GATGCGGTGAAGAAGCTGAAGGCGATGGGCCGAAAGTCCGTGAAGTCTGTCCTGTGGGTG
TCAGCCGATGGGCTCCGAGTGGTGGACGACAAAACCAAGGATCTTCTGGTCGACCAGACC
ATCGAAAAGGTCTCCTTTTGTGCTCCTGACCGCAACCTGGACAAGGCTTTCTCCTATATC
TGTCGTGACGGGACTACCCGCCGCTGGATCTGCCACTGTTTTCTGGCACTGAAGGACTCC
GGCGAGAGGCTGAGCCACGCTGTGGGCTGTGCTTTTGCCGCCTGCCTGGAGCGAAAACAG
CGACGGGAGAAGGAATGTGGGGTCACGGCCGCCTTCGATGCCAGCCGCACCAGCTTCGCC
CGCGAGGGCTCCTTCCGCCTGTCTGGGGGTGGGCGGCCTGCTGAGCGAGAGGCCCCGGAC
AAGAAGAAAGCAGAGGCAGCAGCTGCCCCCACTGTGGCTCCTGGCCCTGCCCAGCCTGGG
CACGTGTCCCCGACACCAGCCACCACATCCCCTGGTGAGAAGGGTGAGGCAGGCACCCCT
GTGGCTGCAGGCACCACTGCGGCCGCCATCCCCCGGCGCCATGCACCCCTGGAGCAGCTG
GTTCGCCAGGGCTCCTTCCGTGGGTTCCCAGCACTCAGCCAGAAGAACTCGCCTTTCAAA
CGGCAGCTGAGCCTACGGCTGAATGAGCTGCCATCCACGCTGCAGCGCCGCACTGACTTC
CAGGTGAAGGGCACAGTGCCTGAGATGGAGCCTCCTGGTGCCGGCGACAGTGACAGCATC
AACGCTCTGTGCACACAGATCAGTTCATCTTTTGCCAGTGCTGGAGCGCCAGCACCAGGG
CCACCACCTGCCACAACAGGGACTTCTGCCTGGGGTGAGCCCTCCGTGCCCCCTGCAGCT
GCCTTCCAGCCTGGGCACAAGCGGACACCTTCAGAGGCTGAGCGATGGCTGGAGGAGGTG
TCACAGGTGGCCAAGGCCCAGCAGCAGCAGCAGCAACAGCAACAGCAGCAGCAGCAGCAG
CAGCAACAGCAGCAAGCAGCCTCAGTGGCCCCAGTGCCCACCATGCCTCCTGCCCTGCAG
CCTTTCCCCGCCCCCGTGGGGCCCTTTGACGCTGCACCTGCCCAAGTGGCCGTGTTCCTG
CCACCCCCACACATGCAGCCCCCTTTTGTGCCCGCCTACCCGGGCTTGGGCTACCCACCG
ATGCCCCGGGTGCCCGTGGTGGGCATCACACCCTCACAGATGGTGGCAAACGCCTTCTGC
TCAGCCGCCCAGCTCCAGCCTCAGCCTGCCACTCTGCTTGGGAAAGCTGGGGCCTTCCCG
CCCCCTGCCATACCCAGTGCCCCTGGGAGCCAGGCCCGCCCTCGCCCCAATGGGGCCCCC
TGGCCCCCTGAGCCAGCGCCTGCCCCAGCTCCAGAGTTGGACCCCTTTGAGGCCCAGTGG
GCGGCATTAGAAGGCAAAGCCACTGTAGAGAAACCCTCCAACCCCTTTTCTGGCGACCTG
CAAAAGACATTCGAGATTGAACTGTAG
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Restriction Sites: Please inquire

ACCN: NM_004756

Insert Size: 2800 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).

OTI Annotation: This clone has been fully sequenced and found 3 bp deletion within the protein associated with this reference, NM_004756.2:There is a 3 bases deletion (GCA)at position 1464.

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_004756.2, NP_004747.1
RefSeq Size:	2853 bp
RefSeq ORF:	1830 bp
Locus ID:	9253
UniProt ID:	Q9Y6R0
Cytogenetics:	19q13.2
Domains:	PID
Protein Pathways:	Notch signaling pathway
Gene Summary:	Plays a role in the process of neurogenesis. Required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by allowing their daughter cells to choose progenitor over neuronal cell fate. Not required for the proliferation of neural progenitor cells before the onset of embryonic neurogenesis. Also required postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. Negative regulator of NF-kappa-B signaling pathway. The inhibition of NF-kappa-B activation is mediated at least in part, by preventing MAP3K7IP2 to interact with polyubiquitin chains of TRAF6 and RIPK1 and by stimulating the 'Lys-48'-linked polyubiquitination and degradation of TRAF6 in cortical neurons.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longest transcript and encodes the longer isoform (a). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.