

Product datasheet for **SC215309**

NUMBL (NM_004756) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	NUMBL (NM_004756) Human 3' UTR Clone
Symbol:	NUMBL
Synonyms:	CAG3A; CTG3a; NBL; NUMB-R; NUMBLIKE; NUMBR; TNRC23
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004756
Insert Size:	1593 bp



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Insert Sequence: >SC215309 3'UTR clone of NM_004756
 The sequence shown below is from the reference sequence of NM_004756. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CTGCAAAAGACATTTCGAGATTGAACTGTAGCCCGAGCCGCCACCCACTCCATCATCTCCAGGTGCC
CACGCCTGGGGTGGAGGCACAACCTCTCCCTAACCCCTGCTCCCTGGGGCTGCGCCCTCAACACCCT
CTCAACACCCCTCCCTCAACCACCCCGACAACCACTACAGAACCAACATTGTGACGCCAGGTTGCA
ACAGGATGGAATTCAGGGACGGACCCAGCCTGGCTAAGGGAACCATTTCACTGCCGGACTTAGGCTGGC
AATGCCCTTCCCAACCCAGACACAGGGTGGCCACAATCCCACTGAATGCCCTTGGTTCACACT
CCATTTCCAGTTTCTGTTGACCCACCTTCCAGTGTGGACAGGATGGAGGGGGACACTTGCTTAG
GGGCTCTCTGGGCCACACCAGTGCCACCCAAATCTGGTCGTCTCTCCCCCATGCACAGCACA
AGCTAAGGGCTGCCCTCTGCCACACGCTGCGTTCCTGCAATGCTGTACTCACCTCCATCACCTCC
AACTTTGGGGCCATGTCTTCTTGGGCCAAGGTCTCATGGGGCTAGGGCCAAGTTGGGGGCCAGGA
GGCGGGGAGGGAGGAGGAGGAGAAGATGCGCAGTTACCTCATGTGCGTGCCCGCTGGGGAGGGTCCGG
GAAGAAGGGGAAGGGGTGCTGGCGGACTTTTCTATCTTTTATTTCCAGATTTTTTTGTATCTAAA
CTTGAAGATTTGTATTATAACAAGGACAGCCAATAAAGGAAGAATAAATGGTGCCCTCGGAAACGAG
GGTGTGTGTAGGGCGCTGGTGAGGCCCTAGAACCTTCTCCTGAGTCATGGACTGAAACAGAGTCAGA
AGGATGTCCTGAGTGATAACCTCTGAGTCATAGCGTGGTAACAGGTACCACTGACTCAGCACCTGCCA
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AAAAACAATATTATGAACTGCTGGCTGGGCACAGTGGCTCACGCCTGTAATCCAGCAGCTTTGGGAGG
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CTACAAAAAATTCAAAAATTAGCCGGCGTGGTGGCAGGCGCTGTAATTCCAGGAGGCTGAGGCACAA
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AACAGAAATGAGACTCTGTCTCAAAAAAAAAAAAAAATAAAAAAAAAAAAAAATACTTCTAATTAGCTCAATAT
TAATATTTTAAACAAGTTGGGTTGGTAACAGTATATCTTTGCCATGCTGGCAAATTTGTTTTGTCAG
CATTTTCCATAACTCTGGCCAAAGTGTACCTGATGTGGCAACGTTTTACAGTCTTGCTATTGTTTCTT
GAGTCCTTAAATCTATAAGATGTATTTTTAAAAATATATAACATATAAATTTTGTTCGTTATAGCTCT
TTAAAA
ACGCGTAAAGCGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_004756.5](#)

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]

Locus ID:

9253

MW:

59.9