

## Product datasheet for **SC301022**

### NUMB (NM\_001005743) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	NUMB (NM_001005743) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUMB
Synonyms:	C14orf41; c14_5527; S171
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF Sequence for NM\_001005743. The custom clone sequence may differ by one or more nucleotides

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ATGAACAAATTACGGCAAAGTTTTAGGAGAAAGAAGGATGTTTATGTTCCAGAGGCCAGT
CGTCCACATCAGTGGCAGACAGATGAAGAAGGCGTTTCGCACCCGAAAAATGTAGCTTCCCG
GTTAAGTACCTTGGCCATGTAGAAGTTGATGAATCAAGAGGAATGCACATCTGTGAAGAT
GCTGTAAAAAGATTGAAAGCTGAAAGGAAGTTCTTCAAAGGCTTCTTTGGAAAAACTGGA
AAGAAAGCAGTTAAAGCAGTTCTGTGGGTCTCAGCAGATGGACTCAGAGTTGTGGATGAA
AAAACCTAAGGACCTCATAGTTGACCAGACGATAGAGAAAAGTTTCTTTCTGTGCCCCAGAC
AGGAACTTTGATAGAGCCTTTTCTTACATATGCCGTGATGGCACCCTCGTCGCTGGATC
TGTCACTGCTTTCATGGCTGTCAAGGACACAGGTGAAAGGTTGAGCCATGCAGTAGGCTGT
GCTTTTGCAGCCTGTTTAGAGCGCAAGCAGAAGCGGGAGAAGGAATGTGGAGTACTGCT
ACTTTTGTAGTCTAGTCGGACCCTTTTACAAGAGAAGGATCATTCCGTGTCAACAACGCC
ACTGAACAAGCAGAAAGAGAGGAGATCATGAAACAAATGCAAGATGCCAAGAAAGCTGAA
ACAGATAAGATAGTCGTTGGTTCATCAGTTGCCCTGGCAACACTGCCCCATCCCCATCC
TCTCCACCTCTCCTACTTCTGATGCCAGACCTCTCTGGAGATGAACAATCCTCATGCC
ATCCACGCCGGCATGCTCCAATTGAACAGCTTGTCTGCCAAGGCTCTTTCCGAGGTTTT
CCTGCTCTTAGCCAGAAGATGTCACCCTTTAAACGCCAACTATCCCTACGCATCAATGAG
TTGCCCTTCCACTATGCAGAGGAAGACTGATTTCCCATTAATAATGCAGTGCCAGAAGTA
GAAGGGGAGGCAGAGAGCATCAGCTCCCTGTGCTCACAGATCACCAATGCCTTCAGCACA
CCTGAGGACCCCTTCTCATCTGCTCCGATGACCAAAACAGTGACAGTGGTGGCACCACAA
TCTCCTACCTTCCAAGCTAATGGCACTGACTCAGCCTTCCATGTGCTTGTAAAGCCAGCC
CATACTGCTCTAGCACCCGTAGCAATGCCTGTGCGTGAAACCAACCCTTGGGCCCATGCC
CCTGATGCTGCTAACAAGGAAATTGCAGCCACATGTTCCGGGACCGAGTGGGGTCAATCT
TCTGGTGTGCTCCTCCAGGTCTCTTCCAGGCCGGTTCATAGACGTAATCCCTCTGAGGCC
GACCGATGGTTAGAAGAGGTGTCTAAGAGCGTCCGGGCTCAGCAGCCCCAGGCCTCAGCT
GCTCCTCTGCAGCCAGTTCTCCAGCCTCCTCCACCCTGCCATCTCCAGCCAGCATCA
CCTTTCCAAGGAATGCATTCTCACCTCTCAGCCTGTGCCAGTGGGTGTGGTCCAGCC
CTGCAACCAGCCTTTGTCCCTGCCAGTCTATCCTGTGGCCAATGGAATGCCCTATCCA
GCCCTAATGTGCCTGTGGTGGGCATCACTCCCTCCAGATGGTGGCCAACGTATTTGGC
ACTGCAGGCCACCCTCAGGCTGCCCATCCCCATCAGTCAACCAGCCTGGTCAGGCAGCAG
ACATTCCTCACTACGAGGCAAGCAGTGCTACCACCAGTCCCTTCTTTAAGCCTCCTGCT
CAGCACCTCAACGGTTCTGCAGCTTTCAATGGTGTAGATGATGGCAGGTTGGCCTCAGCA
GACAGGCATACAGAGGTTCTACAGGCACCTGCCAGTGGATCCTTTTGAAGCCAGTGG
GCTGCATTAGAAAATAAGTCCAAGCAGCGTACTAATCCCTCCCCTACCAACCCTTTCTCC
AGTGACTTACAGAAGACGTTTGAATTGAACTT
    
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**Restriction Sites:** NotI-NotI  
**ACCN:** NM\_001005743  
**Insert Size:** 2700 bp

<b>OTI Disclaimer:</b>	<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 <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<b>OTI Annotation:</b>	<p>The open reading frame of this TrueClone was fully sequenced and found to be a perfect match to the protein associated to this reference.</p>
<b>Components:</b>	<p>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).</p>
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<p><a href="#">NM_001005743.1</a>, <a href="#">NP_001005743.1</a></p>
<b>RefSeq Size:</b>	<p>3647 bp</p>
<b>RefSeq ORF:</b>	<p>1956 bp</p>
<b>Locus ID:</b>	<p>8650</p>
<b>UniProt ID:</b>	<p><a href="#">P49757</a></p>
<b>Cytogenetics:</b>	<p>14q24.2-q24.3</p>
<b>Protein Pathways:</b>	<p>Notch signaling pathway</p>
<b>Gene Summary:</b>	<p>The protein encoded by this gene plays a role in the determination of cell fates during development. The encoded protein, whose degradation is induced in a proteasome-dependent manner by MDM2, is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>