

Product datasheet for **RR210298**

Casc3 (NM_147144) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Casc3 (NM_147144) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Casc3
Synonyms:	Btz; Mln51
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide
Sequence:

>RR210298 representing NM_147144
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGACCGCGCGCGCAGCGCCTCCAGGACACTGAGGACGAAGAATCTGGTGCTTCGGGTTCCG
 ACAGCGGCTCTCCCGCACGGGGCGCGCAGCTGCAGCGGGAGCGCCGGAGGCGGCGCAGTGGCTCGCT
 GCCTTCTCAGCGCGCGCGCCGCGCGGGGCTTCATCTGCGACGGTGAGAGCGGGGCGCAAGAGC
 GCAGAGGAGTCTGAGTGTGAGAGTGAAGATGGCATGGAAGGAGATGCTGTTCTCTCCGATTATGAAAGTG
 CAGAAGATTCAGAAGGTGAAGAAGAATACAGTGAAGAGGAGAATCCAAGGTAGAGCTGAAATCAGAAGC
 TAATGATGCTGCTGATTCTCTGCAAAAGAGAAGGAGAAGAAAAGCCGGAATCTAAAGGCACCGTGACG
 GGGGAGAGGCAAAGTGGGATGGACAGGAGAGCACAGAGCCTGTGGAGAACAAGTGGGTAAGGAAAGGCC
 CTAAGCATTGGATGATGATGAAGATCGGAAAAACCCAGCGTATATCCAGGAAAGGGCTCTTCTTTGA
 GCATGATCTTCGAGGACAGACTCAGGAAGAGGAAGTCCGACCCAAGGGACGCGAGGAAAATATGGAAA
 GATGAGGGTCTGTTGGGAGCATGATAAGTTCGTGAGGATGAACAGGCTCCAAAATCTCGACAGGAGCTAA
 TTGCATTTATGGCTATGACATTCGGTCTGCTCATAATCCTGATGACATCAAACCCGAAGAATCCGGAA
 ACCTCGATTTGGAAGTCCCCACAAAGAGATCCAACTGGATTGGTGACCGATCAAGCAATCCCATCGC
 CACCAGGTCCTGGGGCAACCTACCACCTAGGACATTTATTAACAGGAATGCAGCAGGACTGGCCGCA
 TGTCTACATCCAGGAATTATTCTCGATCTGGGGCTTCAAGGAAGTTCGACTAGTTTTAGGCCTGTGGA
 GGTTGGTGGGCAGCATGGTGCCCGTCTGGTGAGACTCTTAAGCATGAAGCTAATACCGGTCACGGCGT
 CTGGAGCAGACTCCTATGAGGGATCCATCTCCAGAACCAGATGCTCCATTGCTTGGAAAGTCTGAGAAAG
 AAGAGGTGGCCTCAGAGACACCAGCTGCTGTACCTGACATCACACCGCCAGCTCCTGACAGACCTATTGA
 GAAGAAATCCTATTCGCGGCAAGAAGGACCCGACCAAAGTTGGGATGCAGTCAAAGCAGCTGAAGAG
 GTTCTCTCCATCTGAAGGGCTCACTTCAGCAGCCACGGTCCCAGAATCTACTCTCCAGCTGCTAAGA
 CTGGGAACTGGGAGGCTCCAGTGGATTCTACCACAGGTGGACTTGAGCAAGATGTGGCACAGCTAAATAT
 AGCAGAACAAAATTGGAGTCCAGGACAGCCTTCATTCTGCAGCCACGGAACTTCGAGGTATGCCTAAC
 CACATCCATATGGGAGCAGGACCTCCACCTCAGTTTAACCGGATGGAAGAAATGGGTGTGCAGAGTGGTC
 GAGCTAAGCGTACTCTCCAGCGGCAGCGCCTGTGCCAGAGCCCCCTGCTCCTCTGTGCATATCAG
 TATCATGGAGGGACATTACTATGATCCATTGCAGTTCAGGGACCAATCTATACCCATGGTGACAGCCCT
 GCCCACTGCCCCACAGGGCATGATTGTACAGCCAGAAATGCACCTTCTCACCAGGTTTACACCCCC
 ACCAGTACCAGCACCTTGCCCAATCCGGTCTCTACCCACCACAGTGTCCATGTCCCCAGGACAGCC
 ACCGCCCCAGCAGTTGCTTGTCCACCTACTTTCTGCTCCGGGTGTCATGAATTTGGTAACCCTAGT
 TACCCTTATGCTCCGGGAGCACTGCCTCCTCCTCCACCTCCTCATCTGTATCCTAATACACAGGCTCCAT
 CACAGGTGATGGAGGAGTGACTTACTATAACCCGAGCAGGACAGGACAGCCAAAGCCCTCTCCACC
 CCGGAGGACTCCCAGCCAGTCTCCATCAAGCCCCCTCCATCTGAGGTTGTAAGCAGAGGTTCCAGT

ACGCGTACGCGGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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_147144.1](#), [NP_671485.1](#)

RefSeq Size: 2259 bp

RefSeq ORF: 2100 bp

Locus ID: 259170

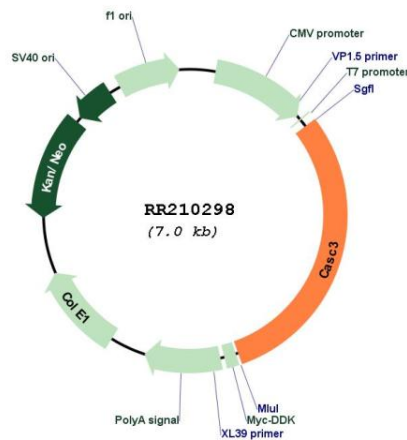
UniProt ID: [Q8K3X0](#)

Cytogenetics: 10q31

MW: 75.9 kDa

Gene Summary: nucleocytoplasmic shuttling protein, component of the dendritic mRNA transport particles in hippocampal neurons [RGD, Feb 2006]

Product images:



Circular map for RR210298