

Product datasheet for RC217734

ASTN2 (NM_198187) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ASTN2 (NM_198187) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ASTN2
Synonyms:	bA67K19.1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC217734 representing NM_198187 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC

ATGCCCTTCATCACCTACCTCTCAGTTTGCTGACAGCCAGATGCTGTCAGATGACCAGCTCATTTGAGGTGGAGATTGCTGTGAGGAGAAGGGGCGCTGCCATCTACCTGTACCTTTGCCGCCGGCCAGGCAAGGAGCAGCTGAGCCCCACACCAGTGTCTGCTGAAATCAACCGTGTGGTCCACTTTATACCTCATCCAAAGACAATGGCACAAGGAGGCCTCAAGAGTGCAGTGTGATGATTCCTACTGGTGTCTAGGGAAAGGGGATGTGATCGATGACTGGTGCAGGTGTGACCTCAGCGCCTTTGATGCCAATGGGCTCCCAACTGCAGCCCCTTCTGCAGCCGGTGTGCGGCTGTCCCAACAGTGGAGCCCTCCAGTACTGTGGTCTCCTTGAGTGGGTGATGTTACGCCAGCTATTGGGACCAAGGTCTCCGACTATATTCTGCAGCATAAGAAAGTGGATGAATACACAGACTGACCTGTACACAGGAGAATTCCTGAGTTTTGCTGATGACTTACTCTCTGGCCTGGGCACATCTTGTGTAGCAGCTGGTCGAAGCCATGGAGAGGTCCCTGAAGTCAGTATCTACTCAGTCATCTTCAAGTGTCTGGAGCCCGACGGTCTCTACAAGTTCCTCTGTATGCTGTGGATACACGAGGGAGGCACTCAGAGCTAAGCAGGTGACCTGAGGACGGCCTGTCCACTGGTAGATGACAACAAGGCAGAAGAAATAGCTGACAAGATCTACAATCTGTACAATGGGTACACAAGTGGAAAGGAGCAGCAGATGGCCTACAACACACTGATGGAGGTCAGCCCTCGATGCTGTTCCGAGTCCAGCACCCTACAACCTCACTATGAAAAGTTGGCGACTTCGTCTGGAGAAGTGAGGATGAGCTGGGGCCAGGAAGGCCACCTGATTCTACGGCGACTGGAGAGGGTGAGTAGCCACTGCTCCAGCCTCCTGCGGAGTGCCTACATCCAGAGCCGCGTGGAAACAGTGCCTATCTTTCTGCGCAGCGAGGAGGTCCGGCCTGCAGGCATGGTGTGGTATAGCATCCTCAAGGACACCAAAATCACGTGTGAGGAGAAGATGGTGTCAATGGCCCGAAACAGTACGGGGAGTCCAAGGGCCGATATTATTTGACTCTATCAAAGTCTCTCCTTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA



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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_198187.3](#), [NP_937830.3](#)

RefSeq Size: 4768 bp

RefSeq ORF: 1209 bp

Locus ID: 23245

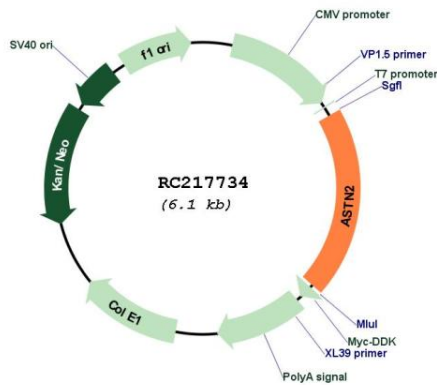
Cytogenetics: 9q33.1

Protein Families: Transmembrane

MW: 148.1 kDa

Gene Summary: This gene encodes a protein that is expressed in the brain and may function in neuronal migration, based on functional studies of the related astrotactin 1 gene in human and mouse. A deletion at this locus has been associated with schizophrenia. Multiple transcript variants encoding different proteins have been found for this locus. [provided by RefSeq, May 2010]

Product images:



Circular map for RC217734