

Product datasheet for **MR221355**

Chrna10 (NM_001081424) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Chrna10 (NM_001081424) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Chrna10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR221355 representing NM_001081424
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGACCAGGAGCCACCACCTGGGTCCTGGGTTTCTGCTCCTGCTCTTTCTCCCTGCAGAGTGCCTGG
 GAGCTGAGGGTAGACTGGCTCACAAGCTGTTTCGTGACCTGTTTGCCAACATACAAGTGCCTTGAGACC
 AGTGGCAGACACAGACCAGACTCTAAATGTGACCTGGAGGTGACGTTGTCTCAGATCATTGATATGGAT
 GAACGGAACCAAGTGCTGACCTTGTACCTGTGGATCCGGCAGGAGTGGACAGACGCTACCTACATTGGG
 ACCCCAAAGCCTACGGTGACTTGGATGCAATTCGAATCCAGCAGTCTAGTGTGGCGACCAGACATCGT
 ACTTTACAACAAGGCGGACACGCAGCCACCTGCCTCGGCCAGCACCAACGTGGTTGTGGCGCACGACGGC
 GCTGTGCGCTGGGACGACCGGCCATCACACGCAGCTCGTGCCGTGTGGATGTCTCTGCCTCCCATTTG
 ACGCTCAGCGCTGTGGCTGACCTTCGGCTCATGGACGCAGCGCGGCCACCAGCTGGATGTGCGACCTCG
 GGGCACTTCGCCAGTCTGGCCACTTCGTGGAGAACGTTGAATGGCGTGTGCTGGGCATGCCAGCGCGC
 AGGCGCGTGCTACCTACGGCTGCTGCTCCGAGCCCTACCCAGACGTGACCTTACTCTGCTGCTGCGCC
 GCCGTGCAGCTGCCTATGTGTGCAACCTACTGCTGCCCTGTGTTCATCTCCCTGCTGGCACCTCTGGC
 CTTCCACCTGCCCGTACTCCGGGAGAAGGTGTCTCTGGGCGTACCCTGCTCCTGGCGCTACCCGTC
 TTCCAGCTGATCCTGGCCGAGAGCATGCCACCTGCAGAGAGCGTTCCTCATCGAAAGTACTATATGG
 CCACTATGACCATGGTACATTTCCACAGCGCTTACCATCCTCATTATGAATCTGCATTACTGTGGCCC
 TAATGCACATCCAGTACCTGCCCTGGGCTCGGGTCTCTGCTGGGACACCTAGCCAAAGGCTGTGTGTG
 CGGGACGAGGGGAGCCCTGTGGACAGTCCAAGCATTAGAGTCAGCCCCAGCCTCCAGCCTCCTGCAG
 GTCCCCCAGCGGCCCTTGTGATGAGCCACGGTGTCTATGCCACCAAGAAGCCCTTCTGCATCACGTAGC
 TTCCATTGCCGGCACCTTCGCGAGCCACCGGGCTGCCAGCGCCCATGAAGATTGGAAGCGCCTGGCC
 AGAGTAATGGACCGCTTTTTCTAGGCATCTTCTCTGCATGGCTCTGGTTCATGAGCCTCCTGGTACTGG
 TGCAAGCCCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR221355 representing NM_001081424
 Red=Cloning site Green=Tags(s)

MGTRSHHLGPGFLLLLFLPAECLGAEGRLAHLFRDLFANYTSALRPVADTDQTLNVTLEVTLSQIIDMD
 ERNQVL TLYLWIRQEWTDAYLHWDPKAYGDLDAIRIPSSLVWRPDI VLYNKADTQPPASASTNVVVRHDG
 AVRWDAPAITRSSCRVDVSAFPDAQRCGLTFGSWTHGGHQLDVRPRGTSASLADFVENVEWRV LGMPAR
 RRVL TYGCCSEPYDVTFTLLLRRRAAYV CNLLLPCVFI SLLAPLAFHLPADSGEKVSLGVTVLLAL TV
 FQLILAESMPPAESVPLIGKYMATMTMVFSTAL TILIMNLHYCGPNAHPVPAWARVLLLGH LAKGLCV
 RERGEPCGQSKPLESAPSLQPPAGPPAGPCHEPRCLCHQEALLHHVASIAGTFRSHRAAQRREDHWKRLA
 RVMDFRFLGIFFCMALVMSLLVLVQAL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9017_f05.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001081424

ORF Size: 1341 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001081424.1](#), [NP_001074893.1](#)

RefSeq Size: 2513 bp

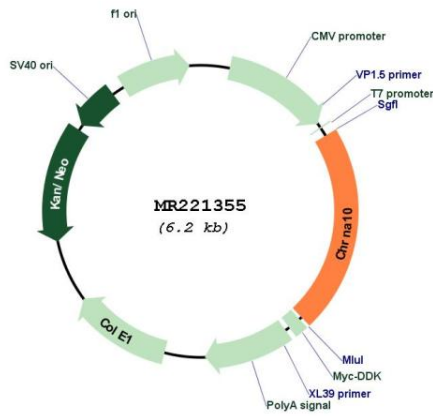
RefSeq ORF: 1344 bp

Locus ID: 504186

Cytogenetics: 7 E2

MW: 50 kDa

Product images:



Circular map for MR221355