OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC212097

CHRFAM7A (NM_139320) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHRFAM7A (NM_139320) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHRFAM7A
Synonyms:	CHRNA7; CHRNA7-DR1; D-10; NACHRA7
ACCN:	NM_139320
Insert Size:	1757 bp

View online »

Insert Sequence:

>SC212097 3'UTR clone of NM_139320
The sequence shown below is from the reference sequence of NM_139320. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAGGCCGTGTCCAAAGACTTTGCGTAACCACGCCTGGTTCTGTACATGTGGAAAACTCACAGATGG
GCAAGGCCTTTGGCTTGGCGAGATTTGGGGGTGCTAATCCAGGACAGCATTACACGCCACAACTCCAGT
GTTCCCTTCTGGCTGTCAGTCGTGTTGCTTACGGTTTCTTTGTTACTTTAGGTAGTAGAATCTCAGCAC
TTTGTTTCATATTCTCAGATGGGCTGATAGATATCCTTGGCACATCCGTACCATCGGTCAGCAGGGCCA
CTGAGTAGTCATTTTGCCCATTAGCCCACTGCCTGGAAAGCCCTTCGGAGAGCTCCCCATGGCTCCTCA
CCACCGAGACAGTTGGTTTTGCATGTCTGCATGAAGGTCTACCTGAAAATTCAACATTTGCTTTTTGCT
TGTGTACAAACCCAGATTGAAGCTAAAATAAACCAGACTCACTAAATCCTTTCCAATAATTGACTGGTG
GAAGGAAAACAAAAAACAAAAACTAAAAACCTCTTAGCTTTTCTGCAATTCAACTTTTTATTTTTATTT
TTATTTCTATCAAAGACGGTAGAGAGAAACAGCTTGATGCTGTTTCTACATCAAAAAAAAAAAAAAAAA
AGACAGACTGTTGGTCTTACTAAGGATGTTTTTACCAGCCTGCCTGACTTCTGCAAACCTACCCTGTCA
AGGAGATCAAAGGGACGCAGGTTTCTGTTTATTCTGAACAAGGGCCAGGCCCCGCGGAGTGTCTTTGGT
GGATCCCAGATAACTCCTAGGTGCTGCTCTCAGACACTGAGGAGTTGAGCAAATCTGTTCTATTCTGCA
GAACCCATAGGACAAATAAGAGTTCTACTAGAATTAACAGCCCAAAAGAATAGCTACAGCTAAGTGAAG
CCACTTACGTGGGCTTTAAAAAAATAATGTGTTAGCTGATTCACATGCACTGGAGTTAATTAGTCTTAG
AAATGTGTGCATCCATACAAATGCACAACATAAAGTGAACATATTCCTAGGCCCTTTCTGCCTGTGTCA
GGGCCAGGAAGTAGAGGCTGGGAACTCTTCTGGTCCCCAGTATGGCAGGCGCCAGGGAGGGGATGGTGT
GGCCCATCCCTTCTCTGGATACCTGGCCAGTGGCAGGCAGCAGGGAGGAGCTGGCCGACCCTCAGTGAC
TGACAAGCCAGCAATTCTGAGTTCTGGCCTTTGGGAGTCTGCCTGCTCCAAGCCAGTCCACCCCAGCTG
CAGCCCCAAAAGCTGGCTCAAAGTCCTTGGGTGGATTCACTGGAGATGGGCAACTTAAAACAAGAGAAA
CTTTAATTTTTAAACCTAAGTGATGATACAGCTCTTCCCTTAGATTATCGCCCAGGCTGGAGTGCAGTG
GCATGATCTCAGCTCACTGCAAGCTCCACCTCCTGGGTTCATGCCATTCTCCTGCCTCAGCCTCCCCCC
GAGTAACTGGGAATACAGGCGCCCGCCACCATGCCTGGCTAATTTTTTGTATTTTTAGTAGAGATAGGG
TTTCATCATGTTAGCCAGGATGGTCTCATTCTTATTCTTTAATGAGATCAGAGGGTAATTCACCAAGAA
AGACCTCTCCTGTTCCATTGTGTCATCCAACAACTGCTCAGAGCTCAAAATTATAGAAGGCTTCTGAGC
CCCTAGAGATTTTTAATTTGCTTCTAATCCCTGAGGTGGGAACATCATGAGGGAAGATTTGATTTTCAG
AGTTAAATAAATTGTATGTGCTTTTCCAGCCA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

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_139320.2

Summary: The nicotinic acetylcholine receptors (nAChRs) are members of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. The family member CHRNA7, which is located on chromosome 15 in a region associated with several neuropsychiatric disorders, is partially duplicated and forms a hybrid with a novel gene from the family with sequence similarity 7 (FAM7A). Alternative splicing has been observed, and two variants exist, for this hybrid gene. The N-terminally truncated products predicted by the largest open reading frames for each variant would lack the majority of the neurotransmitter-gated ion-channel ligand binding domain but retain the transmembrane region that forms the ion channel. Although current evidence supports transcription of this hybrid gene, translation of the nicotinic acetylcholine receptor-like protein-encoding open reading frames has not been confirmed. [provided by RefSeq, Jul 2008]

Locus ID: 89832

MW: 66.6