

## Product datasheet for SC212095

### CHRFAM7A (NM\_148911) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	CHRFAM7A (NM_148911) Human 3' UTR Clone
Symbol:	CHRFAM7A
Synonyms:	CHRNA7; CHRNA7-DR1; D-10; NACHRA7
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_148911
Insert Size:	1083 bp
Insert Sequence:	<p>&gt;SC212095 3'UTR clone of NM_148911</p> <p>The sequence shown below is from the reference sequence of NM_148911. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p>

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAACGATCGCC
GTGGAGGCCGTGTCCAAAGACTTTGCGTACCACGCCTGGTTCTGTACATGTGAAAACTCACAGATGG
GCAAGGCCCTTTGGCTTGGCGAGATTTGGGGTGCTAATCCAGGACAGCATTACACGCCACAACCTCCAGT
GTTCCCTTCTGGCTGTCAGTCGTGTTGCTTACGGTTTCTTTGTTACTTTAGGTAGTAGAATCTCAGCAC
TTTGTTCATATTCTCAGATGGGCTGATAGATATCCTTGGCACATCCGTACCATCGGTACGAGGGCCA
CTGAGTAGTCATTTTGGCCATTAGCCCACTGCCTGGAAAGCCCTTCGGAGAGCTCCCATGGCTCCTCA
CCACCGAGACAGTTGGTTTTGCATGTCTGCATGAAGGTCTACCTGAAAATTCAACATTTGCTTTTTGCT
TGTGTACAAACCCAGATTGAAGCTAAAATAAACAGACTCACTAAATCCTTTCCAATAATTGACTGGTG
GAAGGAAAAACAAAAACAAAACTAAAAACCTCTTAGCTTTTCTGCAATTCAACTTTTTATTTTTATTT
TTATTTCTATCAAAGACGGTAGAGAGAAACAGCTTGATGCTGTTTCTACATCAAAAAAAAAAAAAAAAAA
AGACAGACTGTTGGTCTTACTAAGGATGTTTTACCAGCCTGCCTGACTTCTGCAAACCTACCCTGTCA
AGGAGATCAAAGGGACGCAGGTTTCTGTTTATTCTGAACAAGGGCCAGGCCCGCGGAGTGCTTTGGT
GGATCCCAGATAACTCCTAGGTGCTGCTCTCAGACACTGAGGAGTTGAGCAAATCTGTTCTATTCTGCA
GAACCCATAGGACAAATAAGAGTTCTACTAGAATTAACAGCCCAAAAGAAATAGCTACAGCTAAGTGAAG
CCACTTACGTGGGCTTTAAAAAATAATGTGTTAGCTGATTACATGCACTGGAGTTAATTAGTCTTAG
AAATGTGTGCATCCATACAAATGCACAACATAAAGTGAACATATTCTAGGCCCTTTCTGCCTGTGTCA
GGGCCAGGAAGTAGAGGCTGGGAACCTCTCTGGTCCCCAGTATGGCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_148911.1</a>
<b>Summary:</b>	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]
<b>Locus ID:</b>	89832
<b>MW:</b>	41.3