

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
Vector: pMirTarget (PS100062)
Symbol: CHRFAM7A
Synonyms: CHRNA7; CHRNA7-DR1; D-10; NACHRA7
ACCN: NM_148911
Insert Size: 1083 bp
Insert Sequence: >SC212095 3'UTR clone of NM_148911
 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.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTGGAGGCCGTGTCCAAAGACTTTGCGTAAACACGCCTGGTTCTGTACATGTGAAAACTCACAGATGG
GCAAGGCCTTTGGCTTGGCGAGATTTGGGGTGCTAATCCAGGACAGCATTACACGCCACAACCTCCAGT
GTTCCCTTCTGGCTGTCAAGTGTGCTTACGGTTTCTTTGTTACTTTAGGTAGTAGAATCTCAGCAC
TTTGTTCATATTCTCAGATGGGCTGATAGATATCCTTGGCACATCCGTACCATCGGTGTCAGCAGGGCCA
CTGAGTAGTCATTTTGGCCATTAGCCACTGCCTGAAAAGCCCTTCGGAGAGCTCCCATGGCTCCTCA
CCACCGAGACAGTTGGTTTTGCATGTCTGCATGAAGGTCTACCTGAAAATTCAACATTTGCTTTTTGCT
TGTGTACAAACCCAGATTGAAGCTAAAATAAACAGACTCACTAAATCCTTTCCAATAATTGACTGGTG
GAAGGAAAACAAAAACAAAACTAAAAACCTCTTAGCTTTTCTGCAATCAACTTTTTATTTTTATTT
TTATTTCTATCAAAGACGGTAGAGAGAAACAGCTTGATGCTGTTTCTACATCAAAAAAAAAAAAAAAAA
AGACAGACTGTTGGTCTTACTAAGGATGTTTTTACCAGCCTGCCTGACTTCTGCAACCTACCCTGTCA
AGGAGATCAAAGGACGCAGGTTTCTGTTTATTCTGAACAAGGGCCAGGCCCGCGGAGTGCTTTGGT
GGATCCCAGATAACTCCTAGGTGCTGCTCTCAGACACTGAGGAGTTGAGCAAATCTGTTCTATTCTGCA
GAACCCATAGGACAAATAAGAGTTCTACTAGAATTAACAGCCAAAAGAATAGCTACAGCTAAGTGAAG
CCACTTACGTGGGCTTTAAAAAATAATGTGTTAGCTGATTACATGCACTGGAGTTAATTAGTCTTAG
AAATGTGTGCATCCATACAAATGCACAACATAAAGTGAACATATTCCTAGGCCCTTTCTGCCTGTGTCA
GGGCCAGGAAGTAGAGGCTGGAACTCTTCTGGTCCCCAGTATGGCAG
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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Restriction Sites: SgfI-MluI



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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:	<u>NM_148911.1</u>
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:	41.3