

Product datasheet for **SC210956**

CHRNA5 (NM_000745) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CHRNA5 (NM_000745) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	CHRNA5
Synonyms:	LNCR2
ACCN:	NM_000745
Insert Size:	2000 bp



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Insert Sequence:

>SC210956 3'UTR clone of NM_000745

The sequence shown below is from the reference sequence of NM_000745. 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
CCAGTTTCATATTGGAAATGCAAATAAGTGAAGCCTCCCAAGGACTGAAGTATACATTTAGTTAACACA
CATATATCTGATGGCACCTATAAAATTATGAAAATGTAAGTTATGTGTTAAATTTAGTGCAAGCTTTAA
CAGACTAAGTTGCTAACCTCAATTTATGTTAACAGATGATCCATTTGAACAGTTGGCTGTATGACTGAA
GTAATAACTGATGAGATACATTTGATCTTGAAAAATAGCAAAATATTATCTGAACTGGACTAGTGAAA
AATCTAGTATTTGTATCCTGGCAAATAACTAATTTATAATCCACAGTAAAGTTCATCCTTTGACTGT
GCTGGAGAATCCAGTTGATTTGAAGACTGATTTAAAACCTTTCTGCATTTGGTAAAGGTATGTAAA
CTTTCCTGTACTACTGAGTAACAGCTAATCTTAAATATAATATTATACTGCTATATTTAAAAGCTGA
CTACTTGATATAATTACTTAATGTGATGCTTGATATAATAATTACTTAATGTGGCCGGGCACGGTGGCT
CACACCTGTAATCCCAGCACTTTGGGAGGTCGAGGTGGGCGTATACCTGAGGTTGGGAGTTCGAGACC
AGCCTGACCAACGTGGAGAAACCCCGTCTCTACTAAAAATATGAAATTAGCCAGGGTGGTGGTGCACAC
CTGTAATCCCAGCTACCTGGGAGGCTGCGGCAGGAGAATCGCTTGAACCCAGGTGGCGGAGGTTGCGGT
GAGCTGAGATCACGCCATTGCACTCCAGCCTGGGCAACAAGAGCAAAACTCAGTCTCAAATAATAATAA
TAACAACAACCTAATGTGCTGCTGCTTTCCATAACCAACATTTTAAAAATAAATGAAAAACAGGAATT
GGGAACCTCTTAAAGGCTACTTTATCTTTAGATGCTTAATTATTGTGTTAACTATTTCTGTAGCTTA
GCTTCCACTGTAAGTCATACAGTAGACAACCTCTGTGGACACGCAGTAGCATATCCTTAACATTAATT
TCAGTCTCTTGTCCACATTTCCACAATTAATAGAACCATCTTCTATATAAATTGGTGTAGTATCTCT
TTATCCTTGATCTTAGAATAGTCAGTCCACTACAATTACATGAACCCCATTTAAAAAACATATTTAGGG
CCGGGGGCGAGTGGCTCACATCTGTAATCCAAGCACTTTGGGAGGCTGAGGCAGGTGGATCACCAGAGGT
TAGGAGTTCGAGACTAGCCTGACCAACATGGTGAAGCCCGTCTCTACTAAGAATACAAAAAATTAGTC
GGGCATGGTAGCAGGCGCTGTAGTCCCAGCTACTCAAGAGGCTGAGGCAGGAGAATCGCTTGAACCTG
GGAGGTGGAGGCTGCAGTGAAGCCGAGACTGCGCCATTGCACTCCAGCCTGGCAACAAGAGCAAACTCT
GTCTCAAACATATTTGGTCTAAATCATTCTGTGAGAAAAAATCTTCTAATATGAAACACAGTATTCT
AATTTGGTATATGCACACTGTTATACCTGTAATATTTTCAGTTTTCTCTCCTTCTTCTAACAATTAC
AATAATAGAATCTTAGAGTTGCAAGGGCCTTTAGATGTAATCAATCTTAGCCTATTACTAGTACAGCGT
AAATGATTTAGTACAGTATAATGTATCACAGTTAAAACAGTTAAATTCATCTCTAAATGTCACCACTT
CAGGTGTGACCAGGTAGCAAACACTGACAGAAACCTCGTTCAATTTAGAACTCTTAGCTGTTGAGATC
ACAAACACCTCATTTATTTATAATAAGTAACTATCTAAGTTCAAGCCAATGCTCTTTGGAAGGCGGAG
GAGACCTATCTAATTTGCATTTAATCGTAGGCAGGTGTTAATGCCATTTAATGAGTGAAAGCCTGGT
GTGATGAATTTAGATTGCCTGCCAGCTACCTACCTTAGTTCGTATACATCCCTGATCCCTCTTATACT
ACGCGT AAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCAGCCGCTTCTATGAAAGG
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Restriction Sites:

Sgfl-Mlul

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_000745.4](#)

Summary: The protein encoded by this gene is a nicotinic acetylcholine receptor subunit and a member of a superfamily of ligand-gated ion channels that mediate fast signal transmission at synapses. These receptors are thought to be heteropentamers composed of separate but similar subunits. Defects in this gene have been linked to susceptibility to lung cancer type 2 (LNCR2).[provided by RefSeq, Jun 2010]

Locus ID: 1138

MW: 75.6