

Product datasheet for **SC213784**

CHRNA3 (NM_000743) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: CHRNA3 (NM_000743) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: CHRNA3
Synonyms: BAIPRCK; LNCR2; NACHRA3; PAOD2
ACCN: NM_000743
Insert Size: 1325 bp
Insert Sequence: >SC213784 3'UTR clone of NM_000743

The sequence shown below is from the reference sequence of NM_000743. 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
CAACCCCTGATGGCCAGGGAAGATGCATAGCACTAAGCTGTGTGCCTGCCTGGGAGACTTCCTTGTGT
CAGGGCAGGAGGAGGCTGCTTCCTAGTAAGAACGTACTTTCTGTTATCAAGCTACCAGCTTTGTTTTTG
GCATTTGAGGTTTACTTATTTTCCACTTATCTTGAATCATGCAAAAAAAAAAATGTCAAGAGTATTT
ATTACCGATAAATGAACATTTAACTAGCCTTTTTGGTATGGTAAAGAGATGTCAAATGTGATTCTATG
TGATTAGTATGCTATGCTATGGAATATACATGTAAAAATGTTTCTTTTAGTTGTTGAAACAAAAGTGG
ATAGAAAAATGCTGTTTCAAGAAATGAAAAGTCATTTCAGTTATCACTACAGATCTCCAGTAATTTTTC
TTATTTAGCCATAATCTCTTTGAAGGTTTATACTAATTCAGCAATCCCCATCGTTACCCATTTCTTA
CCATGCATTTCTCGTTCTTTACTGGGTCTAAAGGGCTATGCCTCCATTTAGAGAGCTTCAACTACTTC
TCTTGCATACTTCTAAATATACCATGAGAAATCATGCCTAGTTATTCATTGTTAATATAACTGTCTTA
GTACACCATAAACTGGGTGGATTATAAACAACAGAACTTCTCAGTTTTGGAGGTTGGGAGGTCCAAGG
TCAAGGCACCAGCAAATTTGGTGTCTGGTGAGGGTCTCTTCTCAAAGGGTGCCTTCTAGCTGTGTCC
TCACATGACTGAAGGGACTAGCTATCTCTGTGGGTCTATTTTATAAGGGCACTAACCCCATTCATGAG
AGCAGAGCCCCATGGCCTAATCACCTTCCAAGGCCACCTTCTATCTAAGACAATCACGCTGGGAA
TAGGTTTCAACATATGAATTGGGGGAGGACACATTTGGACCACAGCATGAACCTTTAGAACAGGGTTTC
TCAGCCTTAGCACTATGGACATTTTGGGCTGGATAAATATGTGTTGGTACAGAATGGGGGTATCCTGTG
CATTGTAGGATCTTTAGCAGTACCCTAGCCTCACTACTAGATGCCAATGACATACCTTGCTTCTTCA
CCAGTTATGATAACCAAGAATGTCTCCATTGTTAAATGTTCCCTTAGGAGCAAAATGCCCCTGGTTGA
GAAACATTGCTTTAGACAAATTTAAGAGTATCATGTACTACTTCTGAAACTTAACGTGATCATCA
CCTGACAGATGATTCACAGAGACTGTTGAATCTTGTCTCACTAGTTTTTCTGTGCAAAAATAAAA
TGGACAGAATTGCA
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
  
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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:	<u>NM_000743.5</u>
Summary:	This locus encodes a member of the nicotinic acetylcholine receptor family of proteins. Members of this family of proteins form pentameric complexes comprised of both alpha and beta subunits. This locus encodes an alpha-type subunit, as it contains characteristic adjacent cysteine residues. The encoded protein is a ligand-gated ion channel that likely plays a role in neurotransmission. Polymorphisms in this gene have been associated with an increased risk of smoking initiation and an increased susceptibility to lung cancer. Alternatively spliced transcript variants have been described. [provided by RefSeq, Nov 2009]
Locus ID:	1136
MW:	50.5