

## CHRNA7-cholinergic receptor, nicotinic, alpha 7 Gene

Reference: PTXBC037571

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | CHRNA7-2; NACHRA7; neuronal acetylcholine receptor subunit alpha-7; a7 nicotinic acetylcholine receptor; alpha 7 neuronal nicotinic acetylcholine receptor; alpha-7 nicotinic cholinergic receptor subunit; cholinergic receptor, nicotinic alpha 7; cholinergi |                     |                |

**For research use only.**

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|-------------------------|---------------------------------------------------------------------------------------------------|
| <b>GENE DESCRIPTION</b> | cholinergic receptor, nicotinic, alpha 7                                                          |
| <b>GENE ID</b>          | 1139                                                                                              |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC037571                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | CHRNA7                                                                                            |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon )

atgcaggaggcagatatcagtggtatatcccaatggagaatgggacgtagtggaatccccggcgaaggaggatgaaagggttatgagtgctgcaaaagagccctaccccgatgaccttcacagtaccatgcgcgcaggacgtctactatggcctcaacctgctgacccctgtgtctcatctccgcctcgccctgctggtgtgtctctctgcagattccgggagagaagattccctggggataacagtcttactctcttaccgtcttcattgctgctctgtggtgagatcatgcccgaacatccgattcgggtaccattgatagcccagttctgccagcaccatgatcatcgtgggcctctcgggtgtgtgacagtgatcgtgctgacgtaccaccaccagaccccgacgggggcaagatgcccaagtggaacagagtcctctggaactgtgctgctggtgttcctgcgaatgaagaggcccgaggagacaagggtgcgccggcctgccagcacaagcagcggcgctgcagcctggccagtggtggagatgagcgcctggcgccgcccggcgaacgggaaacctgctgtacatcggtctccgcccgtggacggcgtgcaactgtgtcccgacccccgactctggggtagtgtgtggccgcatggcctgtccccacgcacgatgagcacctctgcacgtgtggcgaacccccgaggggggacccggacttggccaaagatcctggaggaggtccgtacattgccaaaccgttccgctccaggacgaaagcgagcggtctgcagcgagtggaagttcgccgctgtgtgtggaccgctgtgctctatggcctctcgtcttaccatcatctgcaccatcggtcatcgtggtcctcccaactctgtggagccgtgtccaagactttgcgtaa