

Product datasheet for **SC206636**

Butyrylcholinesterase (BCHE) (NM_000055) Human 3' UTR Clone

Product data:

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| Product Type: | 3' UTR Clones |
| Product Name: | Butyrylcholinesterase (BCHE) (NM_000055) Human 3' UTR Clone |
| Symbol: | Butyrylcholinesterase |
| Synonyms: | BCHE; CHE1; CHE2; E1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pMirTarget (PS100062) |
| ACCN: | NM_000055 |
| Insert Size: | 508 bp |
| Insert Sequence: | >SC206636 3'UTR clone of NM_000055 The sequence shown below is from the reference sequence of NM_000055. 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
AGCAAGAAAGAAAGTTGTGTGGGTCTCTATTAATAGATTACCCTTTATAGAACATATTTTCCTTTAG
ATCAAGGCAAAAATATCAGGAGCTTTTTACACACCTACTAAAAAGTTATTATGTAGCTGAAACAAAA
ATGCCAGAAGGATAATATTGATTCCTCACATCTTAACTTAGTATTTACCTAGCATTTCAAAACCCAA
ATGGCTAGAACGTGTTTAATTAATTTACAATATAAAGTTCTACAGTTAATTATGTGCATATTA AAC
AATGGCCTGGTTCAATTTCTTTCTTCTTAATAAATTTAAGTTTTTCCCCCAAAATTATCAGTGCTC
TGCTTTTAGTCACGTGTATTTTCATTACCACTCGTAAAAAGGTATCTTTTTAAATGAATTAATATTG
AAACACTGTACACCATAGTTTACAATATTATGTTTCCTAATAAATAAGAATTGAATGTCAATATGAG
ATATTAATAAAGCACAGAAAATCA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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| Restriction Sites: | Sgfl-MluI |
| 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). |



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| 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_000055.4 |
| Summary: | This gene encodes a cholinesterase enzyme and member of the type-B carboxylesterase/lipase family of proteins. The encoded enzyme exhibits broad substrate specificity and is involved in the detoxification of poisons including organophosphate nerve agents and pesticides, and the metabolism of drugs including cocaine, heroin and aspirin. Humans homozygous for certain mutations in this gene exhibit prolonged apnea after administration of the muscle relaxant succinylcholine. [provided by RefSeq, Jul 2016] |
| Locus ID: | 590 |
| MW: | 20 |