

Product datasheet for **SC208152**

CES4A (NM_173815) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	CES4A (NM_173815) Human 3' UTR Clone
Symbol:	CES4A
Synonyms:	CES6; CES8
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_173815
Insert Size:	1382 bp



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Insert Sequence:	>SC208152 3'UTR clone of NM_173815 The sequence shown below is from the reference sequence of NM_173815. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCTGGATTTTACCACAAGAGTGGGCATGAAGCTCAAGGAGAAGAAGATGGCTTTTTGGATGAGTCTGT ACCAAGTCTCAAAGACCTGAGAAGCAGAGGCAATTCTAAGGGTGGCTATGCAGGAAGGAGCCAAAGAGGG GTTTGCCCCCACCATCCAGGCCCTGGGAGACTAGCCATGGACATACCTGGGACAAGAGTTCTACCCA CCCCAGTTTAACTGCAGGAGCTCCCTGCTGCCTCCAGGCCAAAGCTAGAGCTTTTGCCTGTTGTGTG GGACCTGCACTGCCCTTTCCAGCCTGACATCCCATGATGCCCCTCTACTTCACTGTTGACATCCAGTTA GGCCAGGCCCTGTCAACACCACACTGTGCTCAGCTCTCCAGCCTCAGGACAACCTCTTTTTTCCCTTC TTCAAATCCTCCACCCTTCAATGTCTCCTTGTGACTCCTTCTTATGGGAGGTCGACCCAGACTGCCAC TGCCCCTGTCACTGCACCCAGCTTGGCATTACCATCCATCCTGCTCAACCTTGTGCCTGTCTGTTAC ATTGGCCTGGAGGCTAGGGCAGGTTGTGACATGGAGCAAACCTTTTGGTAGTTTGGGATCTTCTCTCCC ACCCACACTTATCTCCCCAGGGCCACTCCAAAGTCTATACACAGGGGTGGTCTCTTCAATAAAGAAGT GTTGATTAGACCTGAATTTCTCCACCTATAAAATGGGTGTGTGAAGTGAATGATGTCTCAATTTAGCC CTGAGAGAAAGGAAGTATTGCTGCCTGTTCTTAGTGGGCTGTGCCTGGATGCTACACTCAGTCAAAGG GTGCTACTGCAAAGTTGCCTGGGTACAAAACACTTGCCCTTTGCCTTCATGGTCTCAAGTGCACCCCT CAGGACAGCCACACCCACGCTCACTTGTCCATCAGTTTAGGTCTTAGTGCCACATCTAGATTCCTCTG GCCTCTCCTGCAGCCCGTGTGTATCCCAGCCTGTCCCACAGTTTTGTTTCGTTGTTTGTGGGTTTTT TTTTTTTTTTTGGAGACGGAGTTTTGCTCTTGTACCCAGGCTGGAGTGAATGATGAAATCTCAGCTC ACTGCAGCCTCAGTCTCCGAGTTCAAGCGATTCTCCTGCCTCAGCCTCCCAAGTAGCTGAGATTACAG ATGCCCCACCACATGCCCGGCTTATTTTTGTATTTTGTAGAGATAGGGTTTCATCATGTGAGCCAGG CTGGTCTCAAACCTCCTGACCTCAGGTAATCCACCCGCTCAGCCTGCTGAAGTGTGGAATTACAGGCA TGAGCCACCATGCCTGGCCACTGTGGGCTTTTTGGTGGTAAAATACACACGACAAATTTTACCATTTTA AC ACGCGTAAGCGGCCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
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).
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_173815.7</u>

Summary:

This gene encodes a member of the carboxylesterase large family. The family members are responsible for the hydrolysis or transesterification of various xenobiotics, such as cocaine and heroin, and endogenous substrates with ester, thioester, or amide bonds. They also participate in fatty acyl and cholesterol ester metabolism, and may play a role in the blood-brain barrier system. This gene, also called CES6, encodes a secreted enzyme, and may play a role in the detoxification of drugs and xenobiotics in neural and other tissues of the body and in the cerebrospinal fluid. Multiple transcript variants encoding different isoforms have been reported, but the full-length nature and/or biological validity of some variants have not been determined. [provided by RefSeq, Jun 2010]

Locus ID:

283848

MW:

51.2