

Product datasheet for **SC204567**

Ornithine Decarboxylase (ODC1) (NM_002539) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Ornithine Decarboxylase (ODC1) (NM_002539) Human 3' UTR Clone
Symbol:	Ornithine Decarboxylase
Synonyms:	BABS; NEDBA; NEDBIA; ODC
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002539
Insert Size:	786 bp
Insert Sequence:	>SC204567 3'UTR clone of NM_002539 The sequence shown below is from the reference sequence of NM_002539. 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
GCCTGTGCTTCGGCTAGTATTAATGTGTAGATAGCACTCTGGTAGCTGTTAACTGCAAGTTTAGCTTGA
ATTAAGGGATTTGGGGGACCATGTAACCTAATTACTGCTAGTTTTGAAATGTCTTTGTAAGAGTAGGG
TCGCCATGATGCAGCCATATGGAAGACTAGGATATGGGTCACACTTATCTGTGTTCTATGGAACTAT
TTGAATATTTGTTTTATATGGATTTTTATCACTCTTCAGACACGCTACTCAAGAGTGCCCTCAGCTG
CTGAACAAGCATTGTAGCTTGTACAATGGCAGAATGGGCCAAAAGCTTAGTGTTGTGACCTGTTTTTA
AAATAAAGTATCTTGAATAAATTAGGCATTGGGACGTTTTTATGGTGTGTTTCATTCCAGACAGTTCACG
AATCCCGTATAGCTCGCTCTGATTCTCAGAGAACAATGAGTGGGTCCACCCACACACAGGTAGGAGGAC
AGGTGAGACGGAAGCCCCATCCTCCCATGTGGACGGTGCACATCTGCTCAGCCCACCCACATGTCCAG
AGTTGGCTGCAAACCTCTTGCCAGAGCCTCTGGTGGTGGGACCTACTTAAGTCTGACGGACCTGTCCCT
GTCCAGGCCAGTGCCAGGAAGGTGTGGGAGGCCCTTTGAGCCTGGCCTGCAGAGACCATCCGTGTCC
CCTCCACCTTCATGCCTGTGAGAAGTTAGGAATGTATACGGTACCACATTTGGCAGTCAGCTTATTTT
AATAAATTCAGCAACAGCAAGTCCCTA
ACGCGTAAGCGGCGCGGCATCTAGATTCAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG

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Restriction Sites: Sgfl-Mlul



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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_002539.3</u>
Summary:	This gene encodes the rate-limiting enzyme of the polyamine biosynthesis pathway which catalyzes ornithine to putrescine. The activity level for the enzyme varies in response to growth-promoting stimuli and exhibits a high turnover rate in comparison to other mammalian proteins. Originally localized to both chromosomes 2 and 7, the gene encoding this enzyme has been determined to be located on 2p25, with a pseudogene located on 7q31-qter. Multiple alternatively spliced transcript variants encoding distinct isoforms have been identified. [provided by RefSeq, Dec 2013]
Locus ID:	4953
MW:	29.3