

Product datasheet for **SC204138**

Histidine decarboxylase (HDC) (NM_002112) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Histidine decarboxylase (HDC) (NM_002112) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	HDC
ACCN:	NM_002112
Insert Size:	343 bp
Insert Sequence:	>SC204138 3'UTR clone of NM_002112 The sequence shown below is from the reference sequence of NM_002112. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCCGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC CCCTGTTGCCCTCTGCAGGCCATGGTTTAGACACAGGGCCTTCAGCCAGAGTCTGAGGATATACTTCAG GGACTCTGTGAACCCCTCACAATTGTATGCCAACTTTGTGTGCTTATGTGTACATGCATTTTTCTTGGG GCGAGTTCATAATTTAATCAAATTCTCATAGGGTTCATGACCCACAATAGGATACAAACGAAGAGTT TAAGCCAGCATGATCCAGATGGGTTTCAGCAGTCTGGTCAAGTGAAGAAAGGGCCGAGGGTAGACAGGCAGC TTCTGTGGTTCAGCTTGTGACATGATATAAACACAGAAATAAATTATGCTTGTCCCTGAAACAAAA ACGCGTAAGCGGCCGCGGCATCTAGATTGAAAGAAATGACCCGACCAAGCGACGCCCAACCTGCCATCA 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:	NM_002112.4



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Summary: This gene encodes a member of the group II decarboxylase family and forms a homodimer that converts L-histidine to histamine in a pyridoxal phosphate dependent manner. Histamine regulates several physiologic processes, including neurotransmission, gastric acid secretion, inflammation, and smooth muscle tone. [provided by RefSeq, Aug 2010]

Locus ID: 3067

MW: 12.4