

Product datasheet for **SC210612**

Histidase (HAL) (NM_002108) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Histidase (HAL) (NM_002108) Human 3' UTR Clone
Symbol:	Histidase
Synonyms:	HIS; HSTD
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_002108
Insert Size:	1600 bp



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Insert Sequence: >SC210612 3'UTR clone of NM_002108
 The sequence shown below is from the reference sequence of NM_002108. 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
ACCAAAATCCCGAGTCTGAGGACCTTAAATGGGCTTTGTCATGAAGTAGCAGATGAGAGGGCAGTCAG
TTTAGCACAAAGCAATACTAGGCTGAAGGAGAGACCTGAGAACTTCTAGGTAGATCAATCCATTGTA
TCATTCAGTTCTCTAAAGCCTACGTTGGTTAGGCTGATGGCAGTATTATAGTTGCTAAATTCAGCACT
GTGTTCTGTTGTCGTGGTTCAAGACCCACCAGGTATTTTCAGATTATAAACTTTTCTTTCTTTCTTA
ACAGTTTCAACAGGCCACTCACTCTTAAGGGTGAGAAGAATAACCACAATTGTATGTGCCTGTTTTTTA
CTCTTAGCATTAGATGAATTCAAATTTGGAAACAGATTGATAGCAATTTTTCTAAAAACATTAGACTT
TTGTTAACCTTTTTTTTTTTTTTAAATTTGCTTCAACAAGCTCTCCACCAGTTGACTTTCTTTGGCTA
ATTTTACTTTGCATGATATGCCTTAATATGCCTTCATAAATAACCATTTAAGTCATAATTTGCCTTA
AGCTGCTTTTTTCTTCTATTAATTGGATCATAGTAAAGAGTAGTCAATAGGGTCTTCAGCTATTAATTG
TAGAGGTGATTAACCAACAAGGAGTTTCATGTGCAAAGGAGATAAGGAATGAATATAAAGATTGCTA
TTTGGGTGGCTCTTATTAAACTGTGATTTTGTACTTATCACTACACGTATCCCCAAATGCTTACATG
GGAGTTTGAGGTAGTATTTCACTTCCTTGGTGTAGTACTCTATTACATTCTTATTGTAACCTTCC
TCATTTACAGATAAGGAATCTTTGGGGATTAACCAACCTCCTTTCTGTAATGGTAATCATTAAAATAA
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AAAGGACCTTCAGGATGGCTTAAGTGTATCTGTCCAGATGAAGGATGGGTCACATGACCTTTGGCTT
CCCAAGTCTAAGCTCTGTGACTTTGCACCAGTGTGTCATATATGTGCAAGGCCCTTCAAGTGGTCTGA
AACCGTGGCTCTAAAAACCACAGCTGGTGGAGAGGAGACAGACACTTGCCACCTTGGCTACCTAAT
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AGGTGGAAACTGAAGTGAACACTGCTGCACACAGCAATTCAGGGAGCAAAAAATGTGCTGAGGAGACTG
TTTACCTAAAGGTTGTTCTTGGTGTCTTCTTGTCAAATGTGAACACACACAAATGAGGTTTGTGCA
TTGTCATCCGTGGGCTGCCATTGAGCCAGTAACCCCAAGTGGTCTCATGGTGTCTTCGCTCCAGTTTG
GGGAATGCTGGATTCTTTCAGCCCCTGCAGCCCTCCAGGTCAAATGACACTTTGCACTGAGTTTTCT
ACACAGCTCTATTAGTAAGTACAGCACACGCCTTCAAGGGAACCTCAAGGGAAACATGGAATAAACA
AGTCTCAATTGCC
ACGCGTAAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-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_002108.4](#)

Summary: Histidine ammonia-lyase is a cytosolic enzyme catalyzing the first reaction in histidine catabolism, the nonoxidative deamination of L-histidine to trans-urocanic acid. Histidine ammonia-lyase defects cause histidinemia which is characterized by increased histidine and histamine and decreased urocanic acid in body fluids. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Apr 2012]

Locus ID: 3034

MW: 61.2