

## Product datasheet for **SC207935**

### NSD3 (WHSC1L1) (NM\_023034) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	NSD3 (WHSC1L1) (NM_023034) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	NSD3
Synonyms:	KMT3F; KMT3G; pp14328; WHISTLE; WHSC1L1
ACCN:	NM_023034
Insert Size:	2000 bp



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**Insert Sequence:** >SC207935 3'UTR clone of NM\_023034  
 The sequence shown below is from the reference sequence of NM\_023034. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAGCGATCGCC
CAAGATCATGGAGAAGAAGTAAAAGAAATAATGTGTGGTGTCCCTCCTTTCTATTTAAGTGAAAAAAG
CAAATAGATCATGCATTTAAAAAGAAAGAGACTGCTACAGTGCATACAGCCTTTGCCATCGGAACTGCCT
TATTAAGCAAAAATGGGAAACCAGTTCATGCAGGCAGAAAGCAGTTGGTGGTGTCTGGTTTTTGTGTTGA
TTTGGTTGGTTGGGATTCTTTTGTGGAGGGTTAAATTCCTTGGTCTTTTCTTGCCCTTTTATTGTGCT
TCAGTGCCATTGCAGCTTAAAAAGAAATGTTTTTGTGTTAAAAAAGAACAAGAGAAAAAGTAAAGTT
TTGTTAATGAGATAAATTTAAAGTCTAAGATGTGTTTCTTGGTTGTATAAAGCAAAAGTAGCCATCATT
CCTTTATTTATTTTCAATTTTAGGAATTTCAAGAAGTGTAGTTCAATAGTCTAATCAAGTGTGTGTGTG
TTTTAAGTAGGAATCTGAGAAAGCCCTTAGGAAAGGGTATGATAAGCTTTATATACCTCTTTACTGAG
CAGTAGGTAGGCTCACTTCTTTCCCTTCAAAATGCTTTTCATAGGCTTAGAGAAGGGCTCTATGGAA
GTATTAATCTGGCCTCTTGAACAACATGCCTCGGTGGATTTTACCTCTGTGGTCTTAAACAAGGTGGG
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TGGATGTGCTCACTGATTTTTAAACGTTTTCCATTGACATGGATGGTTTGGGTTTTGGATGAAGTGCG
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GGGGATGAAGGCATAAACCAAAATTTGGATCATATAAGCACCATTTTCTGTCCAATTTTATTGTAGAC
CCTGGTCTTAATTGGAGAGAATTACAGGCATTTTATTTTTGTCTCTGTTTTCTCTCCTACTCAAACA
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TTAGTAATGTCAGACATTGTTGTAACACTGTAAGTAGAAGTCTAGGGTTAGCTTGAATGAATGTTA
ACTTTCTCTGTGAATTTGACTGCTTACAATTGCTGGTACCTGGTAGCATTATTTTCCCTCAAGTACC
TAGTAACCTTATGAAGGTAGGGAGGGTAGATGCTCTACCACATTCCTTCAGCTGTATTGAGTGTCCAT
TTGCTTATCAATTTAGAGCTCTTCTATGAAAGAGGGTAAAATCTGTTTTGTGCCTCTTTTTTTGTA
TGTAATGTGCAATTATACTGGATTTTCTTGTAAAAAACACTACAATCTTTTACTGAAGCTCCTAA
ACTGCCATTTGCCTGACTCCAGCAATTAATTCTGCGGTGACTCATTGGGCTTCCAGTACTTCTGTTGAT
TAGATATGGTCCCAAAAGAAAGAGCAAAATGGAAAATGCGATCCATGTCACCAAAATAAATTGCTACAA
GTAACATGAAATACAGCTCACCAAAACACTAACTTTGCTCTTGAGCAATTATATAGTTTGTATGCTCT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCCTTCTATGAAAGG
  
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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\\_023034.2](#)

**Summary:** This gene is related to the Wolf-Hirschhorn syndrome candidate-1 gene and encodes a protein with PWWP (proline-tryptophan-tryptophan-proline) domains. This protein methylates histone H3 at lysine residues 4 and 27, which represses gene transcription. Two alternatively spliced variants have been described. [provided by RefSeq, May 2015]

**Locus ID:** 54904

**MW:** 76.2