

## Product datasheet for **SC208687**

### Shwachman Bodian Diamond syndrome (SBDS) (NM\_016038) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Shwachman Bodian Diamond syndrome (SBDS) (NM_016038) Human 3' UTR Clone
Symbol:	Shwachman Bodian Diamond syndrome
Synonyms:	CGI-97; SDO1; SDS; SWDS
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_016038
Insert Size:	721 bp
Insert Sequence:	>SC208687 3'UTR clone of NM_016038 The sequence shown below is from the reference sequence of NM_016038. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GTAGAAGAAGGAGATGAGAAATTTGAATGACACCCATCAATCTCTCACCTCTAAAAACTAAAGTGTT
TCCGTTCCGACGGCACTGTTTCATGTCTGTGGTCTGCCAAATACTTGCTTAAACTATTTGACATTTTC
TATCTTTGTGTTAACAGTGGACACAGCAAGGCTTTCTACATAAGTATAATAATGTGGGAATGATTTGG
TTTTAATTATAAACTGGGGTCTAAATCCTAAAGCAAAATTGAAACTCCAAGATGCAAAGTCCAGAGTGG
CATTTTGCTACTCTGTCTCATGCCTTGATAGCTTTCCAAAATGAAAGTACTTGAGGCAGCTCTGTGG
GTGAAAAGTTATTTGTACAGTAGAGTAAGATTATTAGGGGTATGTCTATACAACAAAAGGGGGGTCTT
TCCTAAAAAAGAAAACATATGATGCTTCATTTCTACTTAATGGAAGTTGTGTTCTGAGGGTCATTATGG
TATCGTAATGTAAGCTTGGATGATGTTCTGATTATCTGAGAAACAGATATAGAAAAATTTGCGCCGA
CTTACCTTTCATTGAACATGCTGCCATAACTTAGATTATCTTGGTTAAAAAATAAAAGTCACTTATTT
CTAATTCCTAAAGTTTATAATATATATTAATATAGCTAAAATTGTATGTAATCAATAAAACCACTCTTA
TGTTTATTAACCTATGGCTTGTGTTTCTAGA
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites:	Sgfl-Mlul
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).



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<b>Components:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_016038.4</a>
<b>Summary:</b>	This gene encodes a highly conserved protein that plays an essential role in ribosome biogenesis. The encoded protein interacts with elongation factor-like GTPase 1 to disassociate eukaryotic initiation factor 6 from the late cytoplasmic pre-60S ribosomal subunit allowing assembly of the 80S subunit. Mutations within this gene are associated with the autosomal recessive disorder Shwachman-Bodian-Diamond syndrome. This gene has a closely linked pseudogene that is distally located. [provided by RefSeq, Jan 2017]
<b>Locus ID:</b>	51119
<b>MW:</b>	27.9