

Product datasheet for **SC317500**

SDS3 (SUDS3) (NM_022491) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SDS3 (SUDS3) (NM_022491) Human Untagged Clone
Tag:	Tag Free
Symbol:	SDS3
Synonyms:	SAP45; SDS3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317500 representing NM_022491. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAGTGCCGCGGGGCTGCTGGCCCCGGCCCCGGCCAGGCTGGAGCGCCGCGGCCCGAGTACTAC
 CCCGAGGAGGATGAAGAGCTGGAGAGCGCCGAGGACGACGAGCGCAGCTGTCGGGGCCGCGAGTCGGAC
 GAAGACACTGAGGATGCTAGTGAACTGACCTGGCAAAGCATGATGAAGAAGACTATGTAGAAATGAAG
 GAACAGATGTATCAGGACAACTGGCTTCTCTCAAGAGGCAGTTGCAACAAGTGAAGAAGGTACATTA
 CAGGAATATCAGAAGAGAATGAAAAAACTAGATCAGCAGTACAAAGAGAGGATACGGAATGCAGAACTC
 TTCCTCCAGCTGGAACTGAACAAGTGAACGAAATTACATTAAGAAAAGAAGGCAGCAGTGAAAGAA
 TTTGAAGACAAGAAGTTGAGCTGAAAGAGAACCTGATTGCTGAGCTAGAAGAAAAGAAGAAATGATT
 GAAATGAAAAGCTGACAATGGAAGTGAAGGAGATTCTATGGAGGTGAAACCTATCATGACCAGAAAG
 TTGCGGAGGCGACCAATGATCCCGTCCCCATCCAGACAAGAGGAGGAAACCTGCTCCAGCCCAGCTA
 AACTATTTGTAAACAGATGAACAGATCATGGAGGATCTGAGAACATTAATAAGCTTAAGTCACCCAAG
 AGACCAGCATCTCCATCCTCTCCTGAGCACTTGCTGCAACACCCGCGGAATCTCCAGCCCAGAGGTTT
 GAAGCTCGGATAGAAGATGGCAAAGTGTACTATGACAAAAGATGGTACCACAAGAGCCAGGCCATCTAT
 CTGGAGTCAAAGGACAACCAGAACTGAGCTGCGTGATCAGTTCTGTAGGAGCCAATGAGATCTGGGTG
 AGGAAGACAAGTGACAGCACCAAGATGAGGATCTACCTGGGCCAGCTTCAGCGCGGGCTCTCGTGATC
 CGCCGGCGCTCAGCTGCTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_022491
Insert Size:	987 bp


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OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_022491.2
RefSeq Size:	4728 bp
RefSeq ORF:	987 bp
Locus ID:	64426
UniProt ID:	Q9H7L9
Cytogenetics:	12q24.23
Protein Families:	Transcription Factors
MW:	38.1 kDa
Gene Summary:	SDS3 is a subunit of the histone deacetylase (see HDAC1; MIM 601241)-dependent SIN3A (MIM 607776) corepressor complex (Fleischer et al., 2003 [PubMed 12724404]).[supplied by OMIM, Mar 2008]