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Product datasheet for SC121260

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:	None
Vector:	pCMV6-XL4
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_022491, the custom clone sequence may differ by one or more nucleotides

ATGAGTGCCGCGGGGCTGCTGGCCCCGGCCCCGGCCCAGGCTGGAGCGCCGCCGGCCCCCGAGTACTACC
CCGAGGAGGATGAAGAGCTGGAGAGCGCCGAGGACGACGAGCGCAGCTGTCGGGGCCGCGAGTCGGACGA
AGACACTGAGGATGCTAGTGAAACTGACCTGGCAAAGCATGATGAAGAAGACTATGTAGAAATGAAGGAA
CAGATGTATCAGGACAAACTGGCTTCTCTCAAGAGGCAGTTGCAACAACTGCAAGAAGGTACATTACAGG
AATATCAGAAGAGAATGAAAAAACTAGATCAGCAGTACAAAGAGAGGATACGGAATGCAGAACTCTTCCT
CCAGCTGGAAACTGAACAAGTGGAACGAAATTACATTAAAGAAAAGAAGGCAGCAGTGAAAGAATTTGAA
GACAAGAAGGTTGAGCTGAAAGAGAACCTGATTGCTGAGCTAGAAGAAAAGAAGAAAATGATTGAAAATG
AAAAGCTGACAATGGAACTGACTGGAGATTCTATGGAGGTGAAACCTATCATGACCAGAAAGTTGCGGAG
GCGACCAAATGATCCCGTCCCCATCCCAGACAAGAGGAGGAAACCTGCTCCAGCCCAGCTAAACTATTTG
TTAACAGATGAACAGATCATGGAGGATCTGAGAACATTAAATAAGCTTAAGTCACCCAAGAGACCAGCAT
CTCCATCCTCTCCTGAGCACTTGCCTGCAACACCCGCGGAATCTCCAGCCCAGAGGTTCGAAGCTCGGAT
AGAAGATGGCAAACTGTACTATGACAAAAGATGGTACCACAAGAGCCAGGCCATCTATCTGGAGTCAAAG
GACAACCAGAAACTGAGCTGCGTGATCAGTTCTGTAGGAGCCAATGAGATCTGGGTGAGGAAGACAAGTG
ACAGCACCAAGATGAGGATCTACCTGGGCCAGCTTCAGCGCGGGCTCTTCGTGATCCGCCGGCGCTCAGC
TGCTTGA

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5' Read Nucleotide Sequence:

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>OriGene 5' read for NM_022491 unedited
TAGGCGGGCCGCGAATTCGCACGAGGCAGAACTCTTCCTCAGCTGGAAACTGAACAAGTG
GAACGAAATTACATTAAAGAAAAGAAGGCAGCAGTGAAAGAATTTGAAGACAAGAAGGTT
GAGCTGAAAGAGAACCTGATTGCTGAGCTAGAAGAAAAGAAGAAAATGATTGAAAATGAA
AAGCTGACAATGGAACTGACTGGAGATTCTATGGAGGTGAAACCTATCATGACCAGAAAG
TTGCGGAGGCGACCAAATGATCCCGTCCCCATCCCAGACAAGAGGAGGAAACCTGCTCCA
GCCCAGCTAAACTATTTGTTAACACATGAACAGATCATGGAGGATCTGAGAACATTAAAT
AAGCTTAAGTCACCCAAGAGACCAGCATCTCCATCCTCTCCTGAGCACTTGCCTGCAACA
CCCGCGGAATCTCCAGCCCAGAGGTTCGAAGCTCGGATAGAAGATGGCAAACTGTACTAT
GACAAAAGATGGTACCACAAGAGCCAGGCCATCTATCTGGAGTCAAAGGACAACCAGAAA
CTGAGCTGCGTGATCAGTTCTGTAGGAGCCAATGAGATCTGGGTGAGGAAGACAAGTGAC
AGCACCAAGATGAGGATCTACCTGGGCCAGCTTCAGCGCGGGCTCTTCGTGATCCGCCGG
CGCTCAGCTGCTTGACTTTCTACAGTGCTCTTCTCTTGACCCCTTTTCTGGATGGGTTTT
ATTTTTGTTTGGTTCGTTTTCTCCTTATAGAAAAAATGTTACTTACTGGGATAGCTACTC
AACCTTGGAAATGGAAGCACTGCAGTGAATTCTTTAGGGCACTTTTGGTGGCCGAATGCT
TCCAATNTTGTCAGTCTTTTCTGCCTCAACTTCTTCCAGACATCAGTCACCATGAAAC
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Restriction Sites: NotI-NotI

ACCN: NM_022491

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).

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_022491.1, NP_071936.1

RefSeq Size: 4728 bp

RefSeq ORF: 4728 bp

Locus ID: 64426

UniProt ID: Q9H7L9

Cytogenetics: 12q24.23

Protein Families: Transcription Factors

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]

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