

Product datasheet for SC321872

SERTAD3 (NM_203344) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SERTAD3 (NM_203344) Human Untagged Clone
Tag:	Tag Free
Symbol:	SERTAD3
Synonyms:	RBT1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_203344.1
 CGCGGCTCGGCTCCGGGCGGGGCTGGTGGGCCAGAGGCCAGACGGAGAGCCCCGCCGA
 GGTGAGCGAGGCTCCAACCGGTCACTGGTGGGTCCTGGCACTGGCGGGTCGCAACGCTGT
 GGGCGTTCCAGGAGGTGTCGTGGCGAACCTGGCAGCTGCGGGCATCATGGTGGGAGGCT
 TGAAGAGGAAACTCTGATTTGGAAGAGGAGGAGAGAGGTGGGAGTGGAGTCCAGCAG
 GCCTTCAGAGCTACCAGCAAGCCCTGCTCCGCATCTCCCTAGACAAAGTCCAGCGCAGCC
 TGGGCCCCGAGCACCCAGCCTCCGCAGGCATGTCCTCATCCATAACACCCTCCAACAGC
 TGCAGGCTGCACTTCGCCTGGCTCCCGCCCTGCCCTGCCCCCGAGCCCTCTTCTG
 GCGAGGAGGATTTCTCCCTGTCAGCCACCATTGGCTCTATCCTCAGGGAGCTGGACACCT
 CCATGGATGGGACTGAGCCCCCTCAGAATCCAGTACTCCCTTGGCCTCCAGAATGAAG
 TGCCACCCAGCCTGATCCAGTCTTCTTAGAAGCTCTGAGCTCCCGGTACTTGGGGGACT
 CTGGCCTGGATGACTTCTTTCTGGACATTGACACATCTGCGGTAGAAAAGGAGCCTGCAC
 GGGCCCCACCAGAGCCTCCTCACAACTTCTGTGCCCCAGGTTCTTGGGAGTGAATG
 AACTGGATCACATCATGGAATCATTCTGGGGTCTAAAAGTGTGATAGAGGGGATCGAT
 CCTTCTCATGTGATCTTCGGTGGCCTGGATCCCTGAATGCAACTCTGGGTGTGTGTTTT
 TGTGGGGGCTCGAAGCAGTACTATGGCCTCCTTTGTTCCCATTCAGGGTTCACAAAC
 TGTCTTGCATGTGTGTGTGTGCTGGTTACCCGACCTTCTGTGAAGGTGGGTCTTCTG
 AATTAATTTATCTATTCCAAATGCCTAACGAGACTCTGTTTCTGGGAGTCTGATTTTCC
 ACTTACACATTTCTCCACCTTTCTGCTAGTTCCCACTCCCCTGTGACCACTGGGGCT
 CAGGGAAGATAAAGAAAGCTGGGCCTGTGGAAGGATGACAGGGATGTGCTGCCAGGTTGC
 TATAGAAACCCAGGCTCTGCCTCTGCACCTTGAAGGGGTGGGAGGGGCTGGTGTCTCC
 CTCCAGGCTGAACCCACTTCTCGGCAGGACCCAGTCTCAGCAGCCTCCTGATTTTCAT
 AACCCAGGCCGACACGTGCAATAGGGTGGAAACCAAAGTCTCCATGCCGGGTTATTTA
 AAAGAAAGGCAGAGTTTGTGGTGGCTTTTTTTTTTTTGGATTGTTTGAATTTTTTTTAA
 TAAAGTATTTTGAAGGAGAAAAA

Restriction Sites: Please inquire



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ACCN:	NM_203344
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:	<ol style="list-style-type: none"> 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:	<u>NM_203344.1, NP_976219.1</u>
RefSeq Size:	1404 bp
RefSeq ORF:	591 bp
Locus ID:	29946
UniProt ID:	<u>Q9UJW9</u>
Cytogenetics:	19q13.2
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene was identified in a yeast two-hybrid assay employing the second subunit of human replication protein A as bait. It is localized to the nucleus and its expression is significantly higher in cancer cell lines compared to normal cell lines. This protein has also been shown to be a strong transcriptional co-activator. Alternative splicing has been observed at this locus and two variants, both encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same isoform.</p>