

Product datasheet for **SC213882**

SAE1 (NM_001145713) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: SAE1 (NM_001145713) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: SAE1
Synonyms: AOS1; HSPC140; SUA1; UBLE1A
ACCN: NM_001145713
Insert Size: 1341 bp
Insert Sequence: >SC213882 3'UTR clone of NM_001145713
The sequence shown below is from the reference sequence of NM_001145713. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon **Red**=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCTGTATCCCTGTCCCCTTCCCTTCAAGGAGGATCTCCAGGCAAGGAAAAGTGAAGTCATTGGCCCG
ATACAAAACATTTCCCTGCAACGAAGGAGGTGGTGCCGACGTGCTGCTTCCCATCACCAGCAGCTGCTCG
ACAAGGGGCGCAGGGTGGCTGTCTTTGTTCCAGCACTGTTCCAGGCTGCCTGTCATCCCGGCGCTGCCAG
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GCCAGCCCTCTGGGGCATTGTGGGAGATGCCTGCCAGGAATGAGCAAGCTCTGTTGCTCGGGAGCCTCT
TGTACCTTCTGGACTTATCCCCACCTGATACCTTATAGAGAAAAGTGAATTCAGGTGGAGAGTA
GGCCAGGCCCATGAGGCACAGTGGAAGCACAGCTCCAAGTTCAGACAGGTGCCCTTAGAGAGGAAA
ACCATGACAGGCAAAATGCATTTCTCTGGAGTTTGGAGCCCTGACAAACAACAGGTGGCATCTGGTGTG
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AGTCTTGATGTTAGGGCGAGACCCTGCAAGTTGAGTATTAGAGAGCTTGTCTTTCAAGGCAGGTTCT
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TGCAGCAAGAGTAAATGTTTACATTTAGAAATGTGTAGAAGCTTCTGGCTCCAGTTGTCTAATGGAT
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GCAGCCAAAGTGCCTTCCAGTTTACCCCACTCTTGCTTGTGTTTCTTCTTATGTAATTTGTGTGATGT
TTCAATAAATCAGTCTCTTCTTCTATTCTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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).
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_001145713.2
Summary:	Posttranslational modification of proteins by the addition of the small protein SUMO (see SUMO1; MIM 601912), or sumoylation, regulates protein structure and intracellular localization. SAE1 and UBA2 (MIM 613295) form a heterodimer that functions as a SUMO-activating enzyme for the sumoylation of proteins (Okuma et al., 1999 [PubMed 9920803]). [supplied by OMIM, Mar 2010]
Locus ID:	10055
MW:	49.2