

Product datasheet for **SC211454**

SART2 (DSE) (NM_001080976) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SART2 (DSE) (NM_001080976) Human 3' UTR Clone
Symbol:	SART2
Synonyms:	DS-epi1; DSEP; DSEPI; EDSMC2; SART-2; SART2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001080976
Insert Size:	2000 bp



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Insert Sequence: >SC211454 3'UTR clone of NM_001080976
 The sequence shown below is from the reference sequence of NM_001080976. 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
TACTCTTCTTGTCCCAATCACAGTGTAGCACTGAAGCTATAAATTACCTGGTCATTTTGTGATCACA
AGAGTCTATGCAAAAAAAAAAATTTCTTTACCCAGATTATCAGATTTTTTCCCTCAGATTCATTTTA
ACAAATTAAGGGAAGATATTTTGACACAAGAAAGCAGGAACGTGGAGAAATTGGAGCAGGAAAAGAAAT
TATCAAAGCAATAGAAATAGCTTGGTGGTCTATGGTGTGGTGGAAAGTATTTGGCATTGCTAATTGAG
CAGTCCATATAGTACTACTTTTGAAGAAACAAAAAGTCTATTTTTAAAGTAATGTTTTTCTTATGA
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TATTGTGAAAAAGACTGAAGAATACAATCTGAGAAATATAAAAAATTTAATGGTATACTCATGTTG
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TAACTAACAGGATGTTTTACTACAGATCTGGATGGCTATTCAGATAACATGGCAAAAAATGATAGCAGA
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TGGTCTCTGCACACATATGCTTGGTTACTTGCATGCATTCATTGGTTGTTCAATAAGTGAGATGATTAC
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AATACTAGAAAAATAATCCATAGTTTCTACTTGAGCATAAGAAAATGATATACTTAAAAGGAACTTAAT
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TGCAGTTCTAATTTGAACCTTCTGCATAAAGAAAACACAAGTTGACTTTTAACTGTGCTTCACTTAT
TATGCTTGAATCTAGAAAACGACTTCTGAGGAAGTAATTTTTTCCCCTCTCATGGAAAGTCTCTAGG
GAGGATGTCATTACACTGTTTAAAAGAATAATGTTTTTCAAAGAATAATGCTTCCGTTTGTCCCTGCA
TGGATGCTCTTACTAGGATTTAACTTGCTTTATGTGACAGATTCTCCATTTACTTAACTCACTCAAC
ATTCCTCTCTTTACTCTTTCTCACTCAAAGGATGAACTGTCTGAAATGATCAAAGGAAATTTTGAA
AGAAAAAAAAGGAAATATTTCTTTGAGGTTACCAAGCAAACCTGATCTCAGATCCAACTGAGACA
TACTTTTAACAGAGATGAAAAGTGAAGTGAGTGCCAACTCGCTTTTCTTTTGTTCATTAGGTT
ACGCGT AAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI

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_001080976.3](#)

Summary:

The protein encoded by this gene is a tumor-rejection antigen. It is localized to the endoplasmic reticulum and functions to convert D-glucuronic acid to L-iduronic acid during the biosynthesis of dermatan sulfate. This antigen possesses tumor epitopes capable of inducing HLA-A24-restricted and tumor-specific cytotoxic T lymphocytes in cancer patients and may be useful for specific immunotherapy. Mutations in this gene cause inmusculocontractural Ehlers-Danlos syndrome. Alternative splicing results in multiple transcript variants. A related pseudogene has been identified on chromosome 9, and a paralogous gene exists on chromosome 18. [provided by RefSeq, Apr 2016]

Locus ID:

29940

MW:

79.3