OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC211455

SART2 (DSE) (NM_013352) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	SART2 (DSE) (NM_013352) Human 3' UTR Clone
Symbol:	SART2
Synonyms:	DS-epi1; DSEP; DSEPI; EDSMC2; SART-2; SART2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_013352
Insert Size:	2000 bp

View online »

Insert Sequence:

>SC211455 3'UTR clone of NM_013352
The sequence shown below is from the reference sequence of NM_013352. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
TACTCTTCTTGTTCCCAATCACAGTGTTAGCACTGAAGCTATAAATTACCTGGTCATTTTGTGATCACA
AGAGTCTATGCAAAAAAAAAAATTTCTTTACCCCAGATTATCAGATTTTTTTCCCTCAGATTCATTTTA
ACAAATTAAGGGAAGATATTTTGACACAAGAAAGCAGGAACGTGGAGAAATTGGAGCAGGAAAAGAAAT
TATCAAAGCAATAGAAATAGCTTGGTGGTCCTATGGTGTTTTTGGAAGTATTTGGCATTGCTAATTGAG
CAGTCCATATAGTACTACTTTTAGAAGAAACAAAAAGTCTATTTTTTAAAGTAATGTTTTTTCTTATGA
GAAAAAGGTTTAGATAGAATTGGGTTTTATTAATATTAATTTAATGCTATTAGCAATTTCCATATACTA
TATTGTGGAAAAGACTGAAGAATACAATTCTGAGAAATATAAAAAAATTTTAATGGTATACTCATGTTG
AAAGATAAATGTTGCTAAGTCCTGGTATGATGGTGTGAGCTTCCTTGGGGAAGTACTTCTTGAGTTATG
TAACTAACAGGATGTTTTACTACAGATCTGGATGGCTATTCAGATAACATGGCAAAAAATGATAGCAGA
AGATCATTAAAAACTTAAAATATATTTTATTAGAAAACATTTATCTATGAATGAATATTTCCTTGATGC
TGGTCTCTGCACACATATGCTTGGTTACTTGCATGCATTCATTGGTTGTTCAATAAGTGAGATGATTAC
AGATAATACTGTATTTTCCTTATATGGAAAACCGTTATAGACCCAATAACAACTAAACCTTTCAAAAGA
AAATATTTTCTATTATGAATGTTGATTTTCATACCAAAGAAGATGGAGAGTCTAAAATTTGGATATGAT
TCTTATGTTTTTTTAATAGAAAACCTTCTTCAAGTTTATTTTCCTAAATAAACATCATAATTGTGAATT
TTCTCTAGTATTCTTCTTCTTTGTTCCATTATATTCAAAATGCATTAACATTTTCCAAAATTTTTGAAG
AGAGATCTTTATTTGGACGTGTATTCATTAAATATATAAAGTAGTGTTTGAATCAAAAGAAGTATTTTC
TCTGCTTATTAACCTTAATTGTTGTTTAAGCATATTTTAAATATTTAAAACAATAGCCAATTCTGATAT
TTAAGTAGCACCCAACTTTTAAAAGCATAAAATTTTCAATCAACTCCTCAGAAGGTAACAGCAGCATAG
AATACTAGAAAAATAATCCATAGTTTCTACTTGAGCATAAGAAAATGATATACTTAAAAGGAACTTAAT
AAATTATCATACATTCAGCATATTTGAGTCATATATTTCTCCTTTGAAACAAAATATGTTCAGCTCAAA
TTTTACAGTAAGGACACACTCACTGATTTATAGGTGTAAAGTAACAACAGTAACCTTTCCTCTTACTTG
CTCTTTTAGTTCACAGCAATACCAGTATGTAACCAAAAGACAAGCTAGAGAAACTTTTAAGTACCTTTC
TGCAGTTCTAATTTGAACCTTCTTGCATAAAGAAAACACAAGTTTGACTTTTAACTGTGCTTCACTTAT
TATGCTTGGAATCTAGAAAACGACTTCTGAGGAAGTAATTTTTTTCCCCTCTCATGGAAAGTCTCTAGG
GAGGATGTCATTACACACTGTTTAAAAGAATAATGTTTTCAAAAGAATAATGCTTCCGTTTGTCCTGCA
TGGATGCTCTTACTAGGATTTAAACTTGCTTTATGTGACAGATTCTCCATTTACTTAACCTCACTCAAC
ATTCCTCTCTTTTACTCTTTCTCACTCAAAAGGATGAACTGTCTGAAATGATCAAAAGGAAATTTTGAA
AGAAAAAAAAAAGGAAAATTATTCTTTGAGGTTACCAAGCAAACCTGATCTCAGATCCAAACTGAGACA
TACTTTCTAACAGAGATGAAAAGTGCAAGTGAGTGCCAAACTCGCTTTTCTTTTGTTTTCATTAGGTT
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

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_013352.4

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