

Product datasheet for SC126719

CDC42SE1 (NM_020239) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CDC42SE1 (NM_020239) Human Untagged Clone
Tag:	Tag Free
Symbol:	CDC42SE1
Synonyms:	SCIP1; SPEC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC126719 sequence for NM_020239 edited (data generated by NextGen Sequencing) ATGAGTGAATTTTGGCACAACCTGGGCTGCTGTGTGGTAGAGAAACCCAGCCGAAGAAG AAGAGAAGACGGATTGACCGACCATGATTGGGGAACCAATGAATTTTGTTCACCTGACT CACATTGGCTCAGGGGAGATGGGGCCGGAGATGGACTTGCCATGACAGGTGCAGTTCAG GAGCAGATGAGATCCAAGGGAACCGAGATAGGCCATGGAGCAATTCTAGGGGCTTATAG Clone variation with respect to NM_020239.3 >OriGene 5' read for NM_020239 unedited GGGTTCGATTTTGTATACGACTTCACTATAGGGCGGCCGGAATTCGCACGAGTCTGGA CCCATCCAGCTGAGTGAACCCAGGGTGGTGTATCTGGGGAGAGTGAGGAGTGGGTTG TCCAAACACCAGGGAAGAGCCCTTTGGGGCCTCAGACAGAGGAGTGAAGCTGGAACCAT CAGGGAACATGAGTGAATTTTGGCACAACCTGGGCTGCTGTGTGGTAGAGAAACCCAGC CGAAGAAGAAGAGAAGACGGATTGACCGACCATGATTGGGGAACCAATGAATTTTGTTC ACCTGACTCACATTGGCTCAGGGGAGATGGGGCCGGAGATGGACTTGCCATGACAGGTG CAGTTCAGGAGCAGATGAGATCCAAGGGAACCGAGATAGGCCATGGAGCAATTCTAGGG GCTTATAGCTCCAATAATGGAATGGTTCTGCCATCTTGAAACCCCATTTCTGTTTCCAGC CCAGAAGAAATGCTGCCCTACCAGATCCCTCCTTGAACCAAGTATCTAAGGACCCCTCT TTTCCTATCTGCCTAACAGTGCCTCACAGGCTTGGGGCTGGACTCCCTCTACTCCCT CTGGCCATAGCCCTCCTGGAGATGGGGTCAAGGCAGCAGGACTGATCAAGTGACTACTG GTTAGCCAGAGGAGCTCAGCTGAAGCCCTGGAACCCCTCAGGTCTGAGATAGGAGTTCTC TAGGAACCTGGAATGAGTTCTCTCTGAATGATGGTCTGGGTGCCACCTGTNTTTAA ACTCTTAAACCTGGAACCTNCTTANATGGNGTANNGTGGGNTGAGATATCAAAGCTGAAGC TGGCTTTGCTGAGAAGCTNCCCTACTNCTGCNCTTCTNCTNCTNCTGCTGGAATGAAC TANAGCAGATGTCAAGCAGGGGCTGGNTGGNGTGC
5' Read Nucleotide Sequence:	
Restriction Sites:	ECorI-NOT


[View online »](#)

ACCN:	NM_020239
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:	<u>NM_020239.1, NP_064624.1</u>
RefSeq Size:	1318 bp
RefSeq ORF:	240 bp
Locus ID:	56882
UniProt ID:	<u>Q9NRR8</u>
Cytogenetics:	1q21.3
Gene Summary:	Probably involved in the organization of the actin cytoskeleton by acting downstream of CDC42, inducing actin filament assembly. Alters CDC42-induced cell shape changes. In activated T-cells, may play a role in CDC42-mediated F-actin accumulation at the immunological synapse. May play a role in early contractile events in phagocytosis in macrophages.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the shorter transcript. Variants 1 and 2 encode the same protein.