

Product datasheet for **SC110441**

SCAND1 (NM_016558) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SCAND1 (NM_016558) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCAND1
Synonyms:	RAZ1; SDP1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_016558 edited ATGGCGGCTACGGAGCCGATCTTGGCGGCCACTGGGAGTCCC CGCGCGGTGCCACCGGAG AAACTGGAAGGAGCCGGTTCGAGCTCAGCCCCTGAGCGTAACTGTGTGGGCTCCTCGCTG CCAGAGGCTCACCGCCTGCCCCGAGCCTTCCAGTCCCAACGCCGCGGTCCCTGAAGCC ATCCCTACGCCCCGAGCTGCGGCCTCCGCGGCCCTGGAGCTGCCTCTCGGGCCCCGACCC GTGAGCGTAGCGCCTCAGGCCGAAGCTGAAGCGCGCTCCACACCAGGCCCGCGGCTCT AGACTCGGTCCCAGACGTTCCGCCAGCGTTTCCGGCAGTTCGGTACCAGGATGCGGCG GGTCCCCGGGAGGCTTCCGGCAGCTGCGGGAGCTGTCCCGCCAGTGGCTGCGGCCTGAC ATCCGCACCAAGGAGCAGATCGTGGAGATGCTGGTGAAGAGCAGCTGCTCGCCATCCTG CCCGAGGCGGCTCGGGCCCGCGGATCCGCCCGCCGACGGATGTGCGCATCACTGGCTGA



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016558 unedited
 AGCATTGTATACGACTCACTATAGGGGCGGCCGAATTCGCACGAGGTTTCGTTCCGG
 CTGCCGAGGCGCTTCGCTGGTGCAGACGAGTGTGAGCACACAGTACCGGACAAAGA
 GTGACGCCCGGAGCTGGAGTTATGGCGGCTACGGAGCCGATCTTGGCGGCCACTGGGAGT
 CCCGCGCGGTGCCACCGGAGAACTGGAAGGAGCCGGTTCGAGCTCAGCCCTGAGCGT
 AACTGTGTGGGCTCCTCGCTGCCAGAGGCTCACCGCTGCCCTGAGCCTTCCAGTCCC
 AACGCCCGGTCCCTGAAGCCATCCCTACGCCCCGAGCTGCGGCCCTCCGCGGCCCTGGAG
 CTGCCTCTCGGGCCCGCACCCGTGAGCGTAGCGCTCAGGCCGAAGCTGAAGCGCGCTCC
 ACACCAGGCCCGCGGCTCTAGACTCGGTCCCAGACGTTCCGCCAGCGTTTCCGGCAG
 TTCCGCTACCAGGATGCGGCGGGTCCCCGGGAGGCTTCCGGCAGCTGCGGGAGCTGTCC
 CGCCAGTGGTGCAGCTGACATCCGCACCAAGGAGCAGATCGTGGAGATGCTGGTGAA
 GAGCAGCTGCTCGCCATCCTGCCGAGGCGGCTCGGGCCCGCGGATCCGCCCGCCAGC
 GATGTGCGCATCACTGGTGCAGCGTGGAGCTGCGGGCGGCCAGGGCCGGGCGCTCTGTG
 CGGACTGGGGCCATGATCGGGCCGGGGCCCTGAGCCTGGGACCCACCCCGTGTAAATG
 AANAATGAGTTTTTGGCAGCGCCAAAAAAAAAAAAAAAAAACTCGACTCTAGATTGCGGCC
 GCGGTATAGCTGTTTCCCTGAACGATCCCGGGTGGCATCCCTGTGACCCCTCCAGTGCC
 TCTCTGGCCCTGAAAGTGCACTCCN

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_016558 unedited
 AGTTTGNCCGCGGCCGATTCTANGTCGAGTTTTTTTTTTTTTTTGTGGCGCTGCCAAA
 ACTTATCTTTCATTAACACGGGGGGGGGCCAGGCTCAGGCCCGGGCCGATCATGG
 CCCAGTCCGCACAGAGCGCCCGCCCTGGCCCGCCGAGCTCCACCGCTCAGCCAGTGA
 TGCGCACATCCGTGCGGGGGCGGATCCGCCGGGCCGATTTCGTCTCGGGCAGGATGGCGA
 GCAGGTGGTCTTGACACGACATTTTTTTTATCTGCTCCTTGGTGCAGGATGTCAGGCCGC
 AGCCACTTGTGGTCCGGGGCGCGCCCCCCCCCTCCCCCCCCCGCGCCCCCGCT
 CCTCCCCCGCTCCCCCTCCCCCCCCCTCCCCCGCCCCCTCCCCCCCCCTCCCTCC
 CCCCCCCTTCCCCCGTTGGCCCCCCCCCCCCCTGCCGCTCCCGCTCCCCCCCCG
 CCTCCCCCCCCCAGCTCCTTCCCACTCCCCCCCCCCCCCTTCTCCCCATCCTCCCC
 GTCCCCCCCCCCTCCTCCCCCCCCCTCCCCCTCCCCCGTCTCTCTCTCCCTCC
 CCCCCCTCCCTCCCCCCTACCTCCCCGTTTTCTACCCCTGCCCTCCGCTCCGCTCC
 CTCCGTCGCCCTCCGCATCCCCCCCCCTCCCGTCTCTCTCCCTCCTTCCCCCCCC
 CCCCCCCCCCTCTCCCCCTTCCCCCTTCCCCCGCTCCCTTCCCCCTTCTG
 GCGCCCCCTCCGCACCCTCCCCGTCCCCCGCCGCTTCGCCCTCGCCCCCGCCCTCC
 CCTCCCCCTCTCCCTCCCTTTCTCCCCCTTCTCCCCCCCCCNCCTNTTCCCCCTT
 TCCGCTCCCCCTCTCTCTTCTCTCTCCCCCCCCCTCTCTCATTCCCTCGCCCC
 CTCTCTCTTT

Restriction Sites:

NotI-NotI

ACCN:

NM_016558

Insert Size:

3890 bp

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: [NM_016558.2](#), [NP_057642.1](#)

RefSeq Size: 916 bp

RefSeq ORF: 540 bp

Locus ID: 51282

UniProt ID: [P57086](#)

Cytogenetics: 20q11.23

Domains: LER

Protein Families: Transcription Factors

Gene Summary: This gene encodes a SCAN box domain-containing protein. The SCAN domain is a highly conserved, leucine-rich motif of approximately 60 aa originally found within a subfamily of zinc finger proteins. This gene belongs to a family of genes that encode an isolated SCAN domain, but no zinc finger motif. This protein binds to and may regulate the function of the transcription factor myeloid zinc finger 1B. Alternate splicing results in multiple transcript variants.[provided by RefSeq, Jan 2011]

Transcript Variant: This variant (1) represents the longer transcript and encodes isoform 1.

Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.