

## Product datasheet for **SC120121**

### SCAND1 (NM\_033630) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	SCAND1 (NM_033630) Human Untagged Clone
Tag:	Tag Free
Symbol:	SCAND1
Synonyms:	RAZ1; SDP1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_033630, the custom clone sequence may differ by one or more nucleotides

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ATGCGACTCGAGAACGCTAGAGGGCGCCGCTTCCGGGAGCCCGCAAGCGGCTTCCGGGTGCTCGCGCGCC
GACCTGGACGCAGAGAAGCCAGAGACTTTCGCTTCCGGCTGCCGAGCGCTTCGCTGGTGCAGACGCAG
TGCTGAGCACACAGCTACCGGACAAAGAGTGACGCCCGGAGCTGGAGTTATGGCGGCTACGGAGCCGATC
TTGGCGGCCACTGGGAGTCCCGCGCGGTGCCACCGGAGAACTGGAAGGAGCCGGTTCGAGCTCAGCCC
CTGAGCGTAACTGTGTGGCTCCTCGTGCCAGAGGCTCACCCTGCCCTGAGCCTTCCAGTCCCAA
CGCCGCGGTCCCTGAAGCCATCCCTACGCCCGAGCTGCGGCCTCCGCGGCCCTGGAGCTGCCTCTCGGG
CCCGCACCCGTGAGCGTAGCGCCTCAGGCCGAAGCTGAAGCGCGCTCCACACCAGGCCCCGCGGCTCTA
GACTCGGTCCCAGACGTTCCGCCAGCGTTTCCGGCAGTTCGGCTACCAGGATGCGGCGGGTCCCAGGGA
GGCTTTCGGCAGCTGCGGGAGCTGTCCCGCAGTGGCTGCGGCCTGACATCCGCACCAAGGAGCAGATC
GTGGAGATGCTGGTGCAAGAGCAGTGCTCGCCATCCTGCCGAGGCGGCTCGGGCCCGGCGGATCCGCC
GCCGCACGGATGTGCCATCACTGGCTGA
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<b>5' Read Nucleotide Sequence:</b>	>OriGene 5' read for NM_033630 unedited TACCAATTTGTATACGACTCACTATAGGCGGCCGCAATTCGGCACGAGGTTTCGCTTCCG GCTGCCGACGGCGCTTCGCTGGTGCAGACGCAGTGCTGAGCACACAGCTACCGGACAAAG AGTGACGCCCGGAGCTGGAGTTATGGCGGCTACGGAGCCGATCTTGGCGGCCACTGGGAG TCCCGCGGCGGTGCCACCGGAGAACTGGAAGGAGCCGTTTCGAGCTCAGCCCCGTAGCGC TAACTGTGTGGGCTCCTCGCTGCCAGAGGCTCACCGCCTGCCCTGAGCCTTCCAGTCC CAACGCCGCGGTCCCTGAAGCCATCCCTACGCCCGAGCTGCGGCCTCCGCGGCCCTGGA GCTGCCTCTCGGGCCCGCACCCGTGAGCGTAGCGCCTCAGGCCGAAGCTGAAGCGCGCTC CACACCAGGCCCGCGGCTCTAGACTCGGTCCCGAGACGTTCCGCCAGCGTTTTCCGGCA GTTCCGCTACCAGGATGCGGCGGGTCCCCATTAGGCTNTCCGGTAGCTGCGGGAGCTGTT CCGCCAGTGGCTGCGGTCTGACATCCGCACCAAGGAGCACATCGTGGAGATGCTGGCGCA AGAGTAGNTGTTCCGCATCCTGCCCGAAGCGGCTCGGGCCCGGCGGATCCGGCGCCTGAC AGAATGGCGCATCACTGGCTGAGCTGTGGCACCTGCCGGTCGGCCAGGACCGGGCGCTT TGTGTCGGCTGGGGCAAATGATCGGGCCCGGGGCCCCACCCTGGGACCCACCCCGGG TCAAGGAAAAAGAGTTTTTGCATGCCCAAAAAAAAAAAAAAAAAAACCGACTTAAATATG GGGCCCGGTTTTAACTTTNTCTGAAAACAAACCTGGGGGCCTTCTTGAACACCTTCCAAG GATTTTCTTGCTTTGGAATCCCCCTCACGTCCCCCN
<b>3' Read Nucleotide Sequence:</b>	>OriGene 3' read for NM_033630 unedited CCCCGACCCANACCAACNAATTCATTCAATTATTTTACTCTGATACGCCGGCCGCAATTC TACGATCGTTTTTTTTTTTTTTTTTTTTGGCGCTGCCAACTTATTTTTTATTAAACACGGG GTGGGGTCCCAGGCTTAGGCCCTCGGGCCGATCATGGCCCCAGTCCGCACAGAGCGCCC GGCCCTGGCCGCCCGCAGCTCCACCGCTCAGCCAGTGATGCGCACATCCGTGCGGCGGCG GATCCGCCGGGCCGAGCCGCTTGGGCAGGATGGCGAGCAGCTGCTCTTGCACCAGCAT CTCCACGATCCGCTCCTTGGTGGGATGTCAGGCCGAGTCACTGGCGGGACAGTCCCCG CAGCTGTCGGAAGCCTCCTGGGACCCGGCGTATTCTGGTAGCGGAAGTCCCGGAAATG CTGGCGGAACCTCCCGGACCGAGTCTATATCCCCCGCGCCTGGTGGGAGCCGCGCTT CAGCTTCGGCCTGAGGCGCTACGCTCACGGGTGCCGCCCTCAAAGGCAGCTCCAGCGGGC TGTTGAGCCGACGCTTGGTGTAGGGATGGGTTCAAGGACCGCGGGTTCGACCGGAA GGTTTATGGGCAAGTCGTGAGGCCTTCGGTAGTTACGCGCCCCACACAGTTACCGCTACG GCGCCGAGTCTTAACCGGCTCCCTCCAAGTTTCCCCCGTGGCCCCCGGTGGGACCT CCCCCGGGCCCCAAAATTCGTTCCGGCAACCGCCTTCCCCCGTTCCTGGCGTACCC TTTTATGTCGGGAGACTGGGGCGCTAACAACTGGGTTTCGACCCACCAACCCCCCGGGC GTTCTCGTAACCCAAATCCGGGCCGAATTCCCGACCCCTTTTGGGAGTGTATTACAA ACTTCGTAAGGCCCTTAAACAAGCTTCGCTTATAAACATTCCACCGAACGGCTACCGC CCTTTGGGGAACCGGGG
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	NM_033630
<b>Insert Size:</b>	730 bp
<b>OTI Disclaimer:</b>	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).
<b>RefSeq:</b>	<a href="#">NM_033630.1</a> , <a href="#">NP_361012.1</a>
<b>RefSeq Size:</b>	840 bp
<b>RefSeq ORF:</b>	540 bp
<b>Locus ID:</b>	51282

UniProt ID: [H0UIA5, Q9NZG6](#)

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 (2) differs in the 5' UTR and contains an extra segment in the 5' coding region, compared to variant 1. These differences cause translation initiation at an upstream start codon, compared to variant 1. The encoded protein (isoform 2) has a longer N-terminus, compared to isoform 1.