

Product datasheet for **SC308897**

ST2 (IL1RL1) (NM_016232) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ST2 (IL1RL1) (NM_016232) Human Untagged Clone
Tag:	Tag Free
Symbol:	ST2
Synonyms:	DER4; FIT-1; IL33R; ST2; ST2L; ST2V; T1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

Fully Sequenced ORF: >OriGene sequence for NM_016232 edited
 CGAGTTACCAATACTTGGCTCTTGATTGATAAACAGAATGGGGTTTTGGATCTTAGCAATT
 CTCACAATTCTCATGTATTCCACAGCAGCAAAGTTTAGTAAACAATCATGGGGCCTGGAA
 AATGAGGCTTTAATTGTAAGATGTCCTAGACAAGGAAAACCTAGTTACACCGTGGATTGG
 TATTACTCACAAACAAAAGTATCCCACTCAGGAAAAGAAATCGTGTGTTTGCCTCA
 GGCCAACTTCTGAAGTTTCTACCAGCTGCAGTTGCTGATTCTGGTATTTATACCTGTATT
 GTCAGAAGTCCCACTCAATAGGACTGGATATGCGAATGTCACCATATATAAAAAACAA
 TCAGATTGCAATGTTCCAGATTATTTGATGTATTCAACAGTATCTGGATCAGAAAAAAT
 TCCAAAATTTATTGTCCTACCATTGACCTCTACAACCTGGACAGCACCTCTTGAGTGGTTT
 AAGAATTGTCAGGCTCTTCAAGGATCAAGGTACAGGGCGACAAGTCATTTTTGGTCATT
 GATAATGTGATGACTGAGGACGCAGGTGATTACACCTGTAATTTATACACAATGAAAAAT
 GGAGCCAATTATAGTGTGACGGCACCAGGTCCTTACGGTCAAGGATGAGCAAGGCTTT
 TCTCTGTTTCCAGTAATCGGAGCCCTGCACAAAATGAAATAAAGGAAGTGGAAATTGGA
 AAAACGCAAACCTAACTTGCTCTGCTGTTTTGGAAAAGGCACTCAGTTCTTGGCTGCC
 GTCCTGTGGCAGCTTAATGGAACAAAAATTACAGACTTTGGTGAACCAAGAAATCAACAA
 GAGGAAGGGCAAAATCAAAGTTTCAGCAATGGGCTGGCTTGTCTAGACATGGTTTTAAGA
 ATAGCTGACGTGAAGGAAGGATTTATTGCTGCAGTACGACTGTCTGGCCCTGAATTTG
 CATGGCTTGAGAAGGCACACCGTAAGACTAAGTAGGAAAAATCCAATTGATCATCATAGC
 ATCTACTGCATAATTGCAGTATGTAGTGTATTTTTAATGCTAATCAATGCCTGGTTATC
 ATCCTAAAAATGTTCTGGATTGAGGCCACTCTGCTCTGGAGAGACATAGCTAAACCTTAC
 AAGACTAGGAATGATGGAAGCTCTATGATGCTTATGTTGCTACCCACGGAACTACAAA
 TCCAGTACAGATGGGGCCAGTCGTGTAGAGCACTTTGTTACACAGATTCTGCCTGATGTT
 CTTGAAAAATAATGTGGCTATACCTTATGCATTTATGGGAGAGATATGCTACCTGGAGAA
 GATGTAGTCACTGCAGTGGAAACCAACATACGAAAGAGCAGGCGGCACATTTTTCATCCTG
 ACCCCTCAGATCACTACAATAAGGAGTTTGCCTACGAGCAGGAGTTGCCCTGCACTGT
 GCCCTCATCCAGAACGACGCCAAGGTGATACTTATTGAGATGGAGGCTCTGAGCGAGCTG
 GACATGCTGCAGGCTGAGGCGCTTCCAGGACTCCCTCCAGCATCTTATGAAAGTACAGGGG
 ACCATCAAGTGGAGGGAGGACCACATTGCCAATAAAAGGTCCCTGAATTCTAAATTCTGG
 AAGCACGTGAGGTACCAAATGCCTGTGCCAAGCAAAATCCCAGAAAGGCCTCTAGTTTG
 ACTCCCTTGGCTGCCAGAAGCAATAG

Restriction Sites: Please inquire

ACCN: NM_016232

Insert Size: 1700 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).

OTI Annotation: The ORF matches with NM_016232.4 .

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:	<ol style="list-style-type: none">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_016232.4 , NP_057316.3
RefSeq Size:	2058 bp
RefSeq ORF:	1671 bp
Locus ID:	9173
UniProt ID:	Q01638
Cytogenetics:	2q12.1
Domains:	TIR, ig, IGc2, IG
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
Gene Summary:	<p>The protein encoded by this gene is a member of the interleukin 1 receptor family. Studies of the similar gene in mouse suggested that this receptor can be induced by proinflammatory stimuli, and may be involved in the function of helper T cells. This gene, interleukin 1 receptor, type I (IL1R1), interleukin 1 receptor, type II (IL1R2) and interleukin 1 receptor-like 2 (IL1RL2) form a cytokine receptor gene cluster in a region mapped to chromosome 2q12. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) encodes the longest 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.</p>