

## Product datasheet for **SC102625**

### **SUZ12 (NM\_015355) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	SUZ12 (NM_015355) Human Untagged Clone
Tag:	Tag Free
Symbol:	SUZ12
Synonyms:	CHET9; IMMAS; JJAZ1
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL4</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for NM\_015355, the custom clone sequence may differ by one or more nucleotides

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ATGGCGCCTCAGAAGCACGGCGGTGGGGGAGGGGCGGCTCGGGGCCAGCGGGGTCCGGGGAGGGC  
GCTTCGGGGTTCGGCGCGGTGGCGCGCGACGGCTTCGGCGGCAAATCCGGCGCGGGAGCTGTGG  
AGGGGTGGCAGTTACTCGGCTCCTCCTCCTCCTCCGCGCGGCAGCGGGGGCTCGGTGTTACCG  
GTGAAGAAGCCGAAAATGGAGCACGTCCAGGCTGACCACGAGCTTTCCAGGCTTTGAGAAGCCAA  
CACAGATCTATAGATTTCTCGAACTCGGAATCTCATAGACCAATATTTTTGCACAGAACTCTTACTTA  
CATGTCTCATCGAACTCCAGAACAACATCAAAGGAAAACATTTAAAGTTGATGATATGTTATCAAAA  
GTAGAGAAAATGAAAGGAGAGCAAGAATCTCATAGCTTGTGAGCTCATTGCAGCTTACGTTACTGGT  
TCTTCCACAAAATGATAAGCCATCACAAACTCAGAAAATGAACAAAATCTGTTACCCTGGAAGTCT  
GCTTGTGAAAGTTTCCACAAAAAAGAAAGGATGTAAGTTGTCCAATAAGGCAAGTCCACAGGTAAA  
AAGCAGGTGCCTTGAATCCTGACCTCAATCAAACAAAACCCGAAATTTCCCGTCCCTGCAGTTTCCA  
GTAAATGAATTTGAACCTAGTAACAGCCATATGGTGAAGTCTTACTCGTTGCTATTTAGAGTACTCGTCC  
AGGAAGAAGAGAGTTTTAATGGAATGATTAAATGGAGAAACCAATGAAAATATTGATGTCAATGAAGAGCTT  
CCAGCCAGAAGAAAACGAAATCGTGAGGATGGGAAAAGACATTTGTTGCACAAATGACAGTATTTGATA  
AAAACAGGCGCTTACAGCTTTTATAGTGGGAATATGAAGTAGCCATGCAGGAAATGGAAGAATGTCCAAT  
AAGCAAGAAAAGAGCAACATGGGAGACTATTCTTATGAGGAGAGGCTGCCTCCATTGAAAACATTTTCT  
CAGGGACCTACGTTGCAGTTCACCTTTCGTTGGACAGGAGAGACCAATGATAAATCTACGGCTCCTATTG  
CCAAACCTCTTGCCACTAGAAAATCAGAGAGTCTCCATCAGGAAAACAAGCCTGGTTCAGTTAAACCTAC  
TCAAACCTATTGCTGTTAAGAATCATTGACTACAGATCTACAAACAAGAAAAGAAAAGGATACTCCAAAT  
GAAAACCGACAAAATTAAGAATATTTTATCAGTTTCTATAACAACAATACAAGGCAACAACTGAAG  
CAAGAGATGACCTGCATTGCCCTTGGTGTACTCTGAACTGCCGCAAACCTTTATAGTTTACTCAAGCATCT  
TAAACTCTGCCATAGCAGATTTATCTTCAACTATGTTTATCATCCAAAAGGTGCTAGGATAGATGTTTCT  
ATCAATGAGTGTATGATGGCTCCTATGCAGGAAATCCTCAGGATATTCATCGCCAACCTGGATTTGCTT  
TTAGTCGCAACGGACCAGTTAAGAGAACACCTATCACACATATTCTTGTGTGCAGGCCAAAACGAACAAA  
AGCAAGCATGTCTGAATTTCTTGAATCTGAAGATGGGGAAGTAGAACAGCAAAGAACATATAGTAGTGGC  
CACAATCGTCTGTATTTCCATAGTGATACCTGCTTACCTCCTCCGTCACAAAGAAATGGAAGTAGATAGT  
AAGATGAAAAGGATCCTGAATGGCTAAGAGAAAAACCATTACACAAATGAAGAGTTTTCTGATGTTAA  
TGAAGGAGAGAAAAGTATGATGAACTCTGGAATCTCCATGTCATGAAGCATGGGTTTATTGCTGACAAT  
CAAATGAATCATGCCTGTATGCTGTTTGTAGAAAATTATGGACAGAAAATAATTAAGAAGATTTATGTC  
GAACTTCATGCTTCATCTAGTCAGCATGCATGACTTTAATCTTATTAGCATAATGTCAATAGATAAAGC  
TGTTACCAAGCTCCGTGAAATGCAGCAAAAATTAGAAAAGGGGAATCTGCTTCCCTGCAACGAAGAA  
ATAACTGAAGAACAAAATGGGACAGCAATGGATTTAGTGAATTAACCTCAAAGAGAAAGCTTTGGAAA  
CAGATAGTGTCTCAGGGTTTCAAACAGAGCAAAAAACAAAACCTCTGA
```

**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_015355 unedited  
 GCCGCGAAATTCGCACGAGGGTAGGGTGAAGCGGCTCCGAAGCGGAGCGGGGCTCTGAGG  
 AGACACTTTTTTTTTCTCCCTCCTCCCTCCTCCTCCTCCTCCCTTCCCTTCCCCCTCCTC  
 TCCCTCTCCTCCTTCCCCCTCGGTCCGCCGAGCCTGCTGGGGCGAGCGGTTGGTA  
 TTGACGGCGCTTGTCTCCGGGGCCGCCGGGAGCTGGCGGGGGAGGAGGCAGGA  
 ACCGCGATGGCGCCTCAGAAGCACGGCGGTGGGGAGGGGGCGGCTCGGGGCCAGCGCG  
 GGGTCCGGGGGAGCGGCTTCCGGGGTTCGGCGGGTGGCGGGCGACGGCTTCGGGC  
 GGCAAATCCGGCGGGAGCTGTGGAGGGGTGGCAGTTACTCGGCCTCCTCCTCCTC  
 TCCGCGCGCAGCGCGGGGGTGCGGTGTACCGGTGAAGAAGCCGAAATGGAGCAC  
 GTCCAGGCTGACCACGAGCTTTCTCCAGGCCTTGAGAAGCCAACACAGATCTATAGA  
 TTTCTCGAACTCGAATCTCATAGCACAATATTTTTGCACAGAACTTTACTTACATG  
 TCTCATCGAACTCCAGAACAACATCAAAGGAAAACATTTAAAGTTGATGATATGTTA  
 TCAAAGTAGAGAAAATGAAAGGAGAGCAAGAATCTCATAGCTTGTGAGCTCATTTCGAG  
 CTTACGTTTACTGGTTTCTCCACANAAGATAAGCCATCACAACTCAGAANATGAAC  
 ANAATTCTGTACCCTGAAAGTCTGCTTGTGAAAGTTGCCACAAAAGAAAGGATGNN  
 TAGTGCCATAAGGCAGTCCCACAGTAAAGCAGTGCT

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_015355 unedited  
 TAGCTATGGACCCGCGCGCTTCTAGNATCGAGTTTTTTTTTTTTTTTTTACATATG  
 TGCACAGCTTTAGCAAATTAAGCCCGAGATAAACGCTCGAGATCTACTATCCAGAGGCA  
 AAAATCAGAGTTTACTAGAACTCATCTTTGGAGAGCTTACCAATCAAGGAATCTGTAAT  
 GAAAGCTGCAGTTTCCCTCTTCTATTTTTTTTTTAAACAAAAATCAATGACTAAGAA  
 CTTAATACTGGATGACAAATCACATCCACTATTCGTTAAATAGCCTCAGATTAACA  
 CATCTTAAAGACCAGTCAATCAGTATTTACATTTTATAAATTTCTGAAGACACCATTAG  
 AAAGCTTATATATCCCTTATTAAACAAAATAGGGAAGTCATCTGATGGTGGTGAATG  
 AAATTTTAAAAATTAATAACCTGTATTTACAGCAGCATTGATCCTTTATAAATAAGAA  
 TATGAAAATGCAATATCTTTAAGGATAATAAAAAATTGAGGTGATGTTACTCAACCACAG  
 TGCTCGGAGTTGGAATAAAAACTATTGGTGCTTGTAAATGTGCCAGTAGTGAATCCACT  
 TTCTGTTGGAGAAAAACCACTGCAAAATATGTGCGTGAACACATATAACCACAGGGCAA  
 AATTGCTCAAAAATGACTCCAGTCAGCTTATTTCTATTGGATATNTATTATGAAACCAT  
 TACAAAGACACTCTTGCAAAACAAAAAAGGCATAACAGCCTTCTGTTTACTTTTTAGAA  
 CACTTCTCCCTTAAAGTGACATCTTAAACCTCAAAGCGTCTTCTCCTTCTTGCATC  
 TCAATTAAGATCGAACAGCTTATTTCCGGGCGACTTCTTATTAATAAAAAACAACAACA  
 CCAAATGTTTCAGGTTAAAAAAAATTCGCGGGGAC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_015355

**Insert Size:**

4470 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\\_015355.1](#), [NP\\_056170.1](#)

**RefSeq Size:** 4441 bp

**RefSeq ORF:** 2220 bp

**Locus ID:** 23512

**UniProt ID:** [Q15022](#)

**Cytogenetics:** 17q11.2

**Protein Families:** Transcription Factors

**Gene Summary:** This zinc finger gene has been identified at the breakpoints of a recurrent chromosomal translocation reported in endometrial stromal sarcoma. Recombination of these breakpoints results in the fusion of this gene and JAZF1. The protein encoded by this gene contains a zinc finger domain in the C terminus of the coding region. [provided by RefSeq, Jul 2009]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform.