

Product datasheet for **RG202362**

SUZ12 (NM_015355) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SUZ12 (NM_015355) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	SUZ12
Synonyms:	CHET9; IMMAS; JAZ1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide
Sequence:

>RG202362 representing NM_015355
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGCGCCTCAGAAGCACGGCGGTGGGGAGGGGGCGGCTCGGGGCCAGCGCGGGTCCGGGGAGGCG
GCTTCGGGGTTCGGCGGCGGTGGCGGCGGCGACGGCTTCGGGCGGCAAAATCCGGCGGCGGGAGCTGTGG
AGGGGGTGGCAGTTACTCGGCCTCCTCCTCCTCCTCCTCGCGGCGGCGAGCGCGGGGCTGCGGTGTTACCG
GTGAAGAAGCCGAAAATGGAGCACGTCCAGGCTGACCACGAGCTTTTCTCCAGGCCTTTGAGAAGCCAA
CACAGATCTATAGATTTCTCGAACTCGGAATCTCATAGCACCAATATTTTTGCACAGAACTCTTACTTA
CATGTCTCATCGAACTCCAGAACAACATCAAAAGGAAAACATTTAAAGTTGATGATATGTTATCAAAA
GTAGAGAAAATGAAAGGAGAGCAAGAATCTCATAGCTTGTGAGCTCATTGCAGCTTACGTTTACTGGTT
TCTTCCACAAAAATGATAAGCCATCACAACTCAGAAAATGAACAAAATCTGTTACCCTGGAAGTCTCT
GCTTGTGAAAGTTTGGCCAAAAAAGAAAGGATGTAAGTTGTCCAATAAGGCAAGTCCCACAGGTAAA
AAGCAGGTGCCTTTGAATCCTGACCTCAATCAAACAAAACCCGGAAATTTCCCGTCCCTTGCAGTTTCCA
GTAATGAATTTGAACCTAGTAACAGCCATATGGTGAAGTCTTACTCGTTGCTATTTAGAGTGACTCGTCC
AGGAAGAAGAGAGTTTAATGGAATGATTAATGGAGAAACCAATGAAAATATTGATGTCAATGAAGAGCTT
CCAGCCAGAAGAAAACGAAATCGTGAGGATGGGAAAAGACATTTGTTGCACAAATGACAGTATTTGATA
AAAACAGGCGCTTACAGCTTTTATAGTGGGAATATGAAGTAGCCATGCAGGAAATGGAAGAATGTCCAAT
AAGCAAGAAAAGAGCAACATGGGAGACTATTCTGATGGGAAGAGGCTGCCTCCATTGAAAACATTTTCT
CAGGGACCTACGTTGCAGTTCACCTTTCGTTGGACAGGAGAGACCAATGATAAATCTACGGCTCCTATTG
CCAAACCTCTTGCCACTAGAAAATCAGAGAGTCCATCAGGAAAACAAGCCTGGTTCAAGTTAAACCTAC
TCAAACCTATTGCTGTTAAAGAATCATTGACTACAGATCTACAAAACAAGAAAAGAAAAGGATCTCAAAT
GAAAACCGACAAAAATTAAGAATATTTTATCAGTTTCTCTATAACAACAATACAAGGCAACAACTGAAG
CAAGAGATGACCTGCATTGCCCTTGGTGTACTCTGAACTGCCGAACTTTATAGTTTACTCAAGCATCT
TAAACTCTGCCATAGCAGATTTATCTTCAACTATGTTTATCATCCAAAAGGTGCTAGGATAGATGTTTCT
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TTAGTCGCAACGGACCAGTTAAGAGAACACCTATCACACATATTCTTGTGTGCAGGCCAAAACGAACAAA
AGCAAGCATGTCTGAATTTCTTGAATCTGAAGATGGGGAAGTAGAACAGCAAAGAACATATAGTAGTGGC
CACAATCGTCTGTATTTCCATAGTGATACCTGCTTACCTCCTCCACAAGAAATGGAAGTAGATAGTG
AAGATGAAAAGGATCCTGAATGGCTAAGAGAAAAACCATTACACAAATGAAAGATTTTCTGATGTTAA
TGAAGGAGAGAAAAGTGAATGAACTCTGAAATCTCCATGTGATGAAGCATGGGTTTATTGCTGCAAT
CAATGAATCATGCCTGTATGCTGTTTGTAGAAAATTATGGACAGAAAATAATTAAGAAGATTTATGTC
GAACTTCATGCTTATCTAGTCAGCATGCATGACTTTAATCTTATTAGCATAATGTCAATAGATAAAGC
TGTTACCAAGCTCCGTGAAATGCAGCAAAAATTAGAAAAGGGGAATCTGCTTCCCTGCAACGAAGAA
ATAACTGAAGAACAAAATGGGACAGCAATGGATTTAGTGAATTAACCTAAAAGAGAAAGCTTTGGAAA
CAGATAGTGTCTCAGGGGTTTCAAACAGAGCAAAAACAAAACTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG202362 representing NM_015355
 Red=Cloning site Green=Tags(s)

MAPQKHGGGGGGSGPSAGSGGGGFGGSAVAATAASGGKSGGGSCGGGGSYSSASSSSAAAAAGAAVLP
 VKKPKMEHVQADHELFLQAF EKPTQIYRFLRTRNLIAPIFLHRTLTYMSHRNRTNIKRRKTFKVDDMLSK
 VEKMKGEQESHLSAHLQLTFTGFFHKNDKPSNSENEQNSVTLEVLVVKVCHKKRKDVSCPIRQVPTGK
 KQVPLNPDLNQTKPGNFPSLAVSSNEFEPNSHMKVSYSLFRVTRPGRREFNGMINGETNENIDVNEEL
 PARRKRNRREDGEKTFVAQMTVFDKNRRLQLLDGEYEVAMQEME EECPI SKKRATWETILDGKRLPPFETFS
 QGPTLQFTLRWTGETNDKSTAPIAKPLATRNLSESLHQENKPGSVKPTQTIAVKESLTTDLQTRKEKDTPN
 ENRQKLRIFYQFLYNNNTRQQTEARDDLHCPWCTLNCRKLYSLLKHLKLCRSRIFNYYVHPKGARIDVS
 INECYDGSYAGNPQDIHRQPGFAFSRNGPVKRTPIITHILVCRPKRTKASMSEFLESEDEGEVEQRTYSSG
 HNRLYFHSDTCLPLRPQEMEVDSEDEKDP EWLREKTIITQIEEFSDVNEGEKEVMKLNHLVHMKGHFIADN
 QMNHACMLFVENYGQKI IKKNLCRNFMHLVSMHDFNLISIMSIDKAVTKLREMQQKLEKGESASPANEE
 ITEEQNGTANGFSEINSKEKALETDSVSGVSKQSKKQKL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_015355

ORF Size: 2217 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_015355.4](#)

RefSeq Size: 4441 bp

RefSeq ORF: 2220 bp

Locus ID: 23512

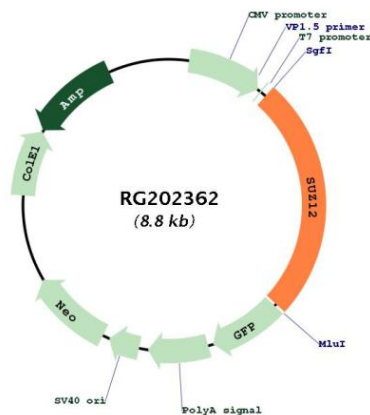
UniProt ID: [Q15022](#)

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]

Product images:



Circular map for RG202362