

Product datasheet for **SC216583**

Jagged1 (JAG1) (NM_000214) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Jagged1 (JAG1) (NM_000214) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	JAG1
Synonyms:	AGS; AGS1; AHD; AWS; CD339; DCHE; HJ1; JAGL1
ACCN:	NM_000214
Insert Size:	1844 bp



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Insert Sequence: >SC216583 3'UTR clone of NM_000214
 The sequence shown below is from the reference sequence of NM_000214. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGCTTAAACCGAATGGAGTACATCGTATAGCAGACCGCGGCACTGCCGCCGCTAGGTAGAGTCTGAGG
GCTTGTAGTTCTTTAAACTGTCGTGCATACTCGAGTCTGAGGCCGTTGCTGACTTAGAATCCCTGTGT
TAATTTAAGTTTTGACAAGCTGGCTTACACTGGCAATGGTAGTTTCTGTGGTTGGCTGGGAAATCGAGT
GCCGCATCTCACAGCTATGCAAAAAGCTAGTCAACAGTACCCTGGTTGTGTGCCCTTGCAGCCGACA
CGGTCTCGGATCAGGCTCCAGGAGCCTGCCAGCCCCCTGGTCTTTGAGCTCCCACTTCTGCCAGATG
TCCTAATGGTGATGCAGTCTTAGATCATAGTTTTATTTATTTATTGACTCTTGAGTTGTTTTTGTAT
ATTGGTTTTATGATGACGTACAAGTAGTTCTGTATTTGAAAGTGCCTTTGCAGCTCAGAACCACAGCAA
CGATCACAAATGACTTTATTATTTATTTTTTTAATTGATTTTTGTTGTTGGGGGAGGGGAGACTTTG
ATGTCAGCAGTTGCTGGTAAAATGAAGAAATTAAGAAAAAATGCAAAAGTAGAACTTTGTATAGTT
ATGTAATAAATCTTTTTTATAATCACTGTGTATATTTGATTTATTAATTAATCAAGAGCCTTA
AAACATCATTCCTTTTTATTTATATGTATGTGTTAGAATTGAAGGTTTTTGATAGCATTGTAAGCGTA
TGGCTTTATTTTTTGAACCTTCTCATTACTTGTGGCTATAAGCCAAAATTAAGGTGTTTGAAAAATA
GTTTATTTTAAACAATAGGATGGGCTTCTGTGCCAGAATACTGATGGAATTTTTTTGTACGACGTCA
GATGTTTAAAACACCTTCTATAGCATCACTTAAAACACGTTTTAAGGACTGACTGAGGCAGTTTGAGGA
TTAGTTTAGAACAGGTTTTTTTTGTTTGTGTTTTTTGTTTTCTGCTTAGACTTGAAAAGAGACAGG
CAGGTGATCTGCTGCAGAGCAGTAAGGGAACAAGTTGAGCTATGACTTAACATAGCCAAAATGTGAGTG
GTTGAATATGATTAAAAATATCAAATTAATTGTGTAAGTTGGAAGCACACCAATCTACTTTGTAAT
TCTGATTTCTTTTACCATTTCGTACATAACTGAACCACTTGTAGATTTGATTTTTTTTTTTAATCTA
CTGCATTTAGGGAGTATTCTAATAAGCTAGTTGAATACTTGAACCATAAAAATGTCCAGTAAGATCACTG
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ATCAAAAAGGCTTATAAAAACAGAGTAATCTTGTGTTCCACCATTGAGACCGTGAAGATACTTTGTATT
GTCCTATTAGTGTATATGAACATACAAATGCATCTTTGATGTGTTGTTCTTGGCAATAAATTTTGAAA
AGTAATATTTATTAATTTTTTTGTATGAAAACATGGAACAGTGTGCCTCTTCTGAGCTTACGTAGTT
CTACCGGCTTTGCCATGTGCTTCTGCCACCCTGCTGAGTCTGTTCTGGTAAATCGGGGTATAATAGGCTC
TGCTGACAGAGGGATGGAGGAAGAACTGAAAGGCTTTTCAACCACAAAACCTCATCTGGAGTTCTCAA
GACCTGGGGCTGTGTGAAGCTGGAACCTGCCGGAGCCCCATCTAGGGGAGCCTTGATTCCTTGTATT
CAACAGCAAGTGTGAATACTGCTTGAATAAACACCACTGGATTAATGGCC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: Sgfl-Mlul

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_000214.3](#)

Summary: The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter is involved in signaling processes. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq, Nov 2019]

Locus ID: 182

MW: 70.4