

# Recombinant Human JAG1 Protein (Full Length), Tag free

## Product Information

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<b>Cat</b>	IMP-8073
<b>Official Symbol</b>	JAG1
<b>Product Overview</b>	Human JAG1 full-length ORF (NP_000205.1) recombinant protein without tag was expressed in Wheat Germ (in vitro).
<b>Description</b>	The jagged 1 protein encoded by JAG1 is the human homolog of the <i>Drosophila</i> jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the <i>Drosophila</i> jagged receptor notch. 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.
<b>Expression System</b>	Wheat Germ (in vitro)
<b>Species</b>	Human
<b>Tag</b>	Tag free
<b>Form</b>	Liquid, 25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Molecular Mass</b>	133.8 kDa
<b>Protein length</b>	Full Length
<b>AA Sequence</b>	<p>           MRSPRTRGRSGRPLSLLLALLCALRAKVC GASGQFELEILSMQNVNGEL            QNGNCCGGARNPGDRKCTRDECDTYFKVCLKEYQSRVTAGGPCSFGS            GSTPVIGGNTFNLKASRGNDRNRIVLPFSFAWPRS YTLLEAWDSSNDTV            QPDSIIEKASHSGMINPSRQWQTLKQNTGVAHF EYQIRVTCDDY YGFGC            NKFCRPRDDFFGHYACDQNGNKTCMEGWMP ECPNRAICRQGCSPKHG            SCKLPGDCRCQYGWQGLYCDKCIPHPGCVH GICNEPWQCLCETNWGG            QLCDKDLNYCGTHQPCLNGGTC SNTGPDKYQCSCPEGYS GPNCEIAEH            ACLSDPCHNRGSCKETSLGFECESPGWTGPT CSTNIDDCSPNNCSHG            GTCQDLVNGFKVCVPPQWTGKTCQLDANECEAKPCVNAK SCKNLIASYY            CDCLPGWMGQNC DININDCLGQCQNDASCRDLVNGYRCICPPGYAGDH            CERDIDECASNPCLN GGHCQNEINRFQCLCPTGFSGNLCQLDIDYCEPN            PCQNGAQCYNRASDYFCKCPEDYEGKNC SHLKDHCRTTPCEVIDSCTVA            MASNDTPEGVRYISSNVCGPHGKCKSQSGGKFT CDCNKGFTGT YCHENI            NDCESNPCRN GGTCIDGVNSYKICSDGWEGAYCETNINDCSQNPCHN            GGTCRDLVNDFYCDCKNGWKGK TCHSRDSQCDEATC NNGGTCYDEGD            AFKCMCPGGWEGTTCNIARNSSCLPNPCHN GGTCVVNGESFTCVCKEG            WEGPICAQNTNDCSPHPCYNSGTCVDGDNWYRCECAPGFAGPDCRINI            NECQSSPAFGATCVDEINGYRCVCP PGHSGAKCQEVSGRPCITMGSVI            PDGAKWDDDCNTCQCLNGRIACSKVWCGPRPCL LHKGHSECPSGQSCI         </p>

PILDDQCFVHPCTGVGECRSSLQPVKTKCTSDSYDNCANITFTFNKE  
MMSPGLTTEHICSELRNLNILKNVSAEYSIYIACEPSPSANNEIHVAISAEDI  
RDDGNPIKEITDKIIDLVSKRDGNSSLIAAFAEVRVQRRPLKNRTDFLVP  
SSVLTVAWICCLVTAFYWCLRKRKPGSHHSASEDNTTNNVREQLNQIK  
NPIEKHGANTVPIKDYENKNSKMSKIRTHNSEVEEDDMDKHQQKARFAK  
QPAYTLVDREKPPNGTPTKHPNWTNKQDNRDLESAQSLNRMEYIV

**Applications**

*Antibody Production*

**Notes**

*Best use within three months from the date of receipt of this protein.*

**Storage**

*Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.*