

Recombinant Human JAG2 Protein, Fc&Avi tagged, Biotin Labeled

Cat. No. JAG2-230H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant human JAG2 Protein (27-1082 aa) with Fc&Avi tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	27-1082 aa
Conjugation/Label	Biotin
Description	The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic development. Members of the Notch gene family encode transmembrane receptors that are critical for various cell fate decisions. The protein encoded by this gene is one of several ligands that activate Notch and related receptors. Two transcript variants encoding different isoforms have been found for this gene.
Form	Sterile PBS, pH7.4
Molecular Mass	141 kDa
AASequence	MGYFELQLSALRNVNGELLSGACCDGDGRTRAGGCGHDECDTYVRVCLKEYQAK VTPTGPCSYGHGATPVLGGNSFYLPAGAAGDRARARARAGGDQDPGLVVIPFQF

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 45-1 Ramsey Road, Shirley, NY 11967, USA

AWPRSFTLIVEAWDWDNDTTPNEELLIERVSHAGMINPEDRWKSLHFSGHVAHLEL
 QIRVRCDENYYSATCNKFCRPRNDFFGHYTCDQYGNKACMDGWMGKECKEAVCK
 QGCNLLHGGCTVPGECRCSYGWQGRFCDECVPYPGCVHGSCEVPWQCNCETNW
 GGLLCDKDLNYCGSHHPCTNGGTCINAEPDQYRCTCPDGYSGRNCEKAEHACTSN
 PCANGGSCHEVPSGFECCHCPSGWSGPTCALDIDECASNPCAAGGTCVDQVDGFE
 CICPEQWVGATCQLDANECEGKPCLNAFSCKNLIGGYCDCIPGWKGINCHINVND
 CRGQCQHGGTCKDLVNGYQCVCPRGFGGRHCELERDKCASSPCHSGGLCEDLAD
 GFHCHCPQGFSGPLCEVDVDLCEPSPCRNGARCYNLEGDYCACPDDFGGKNCS
 VPREPCPGGACRVIDGCGSDAGPGMPGTAASGVCGPHGRCVSQPGGNFSCICDS
 GFTGTYPHENIDDCLGQPCRNGGTCIDEVDAFRFCFCPSGWEGELCDTNPNDCLPD
 PCHSRGRCYDLVNDFYCACDDGWKGKTCHSREFQCDAYTCSNGGTCYDSGDTR
 CACPPGWKGSTCAVAKNSSCLPNPCVNGGTCVGSASFSCICRDGWEGRTCTHN
 TND CNPLPCYNGGICVDGVNWFRCECAPGFAGPDCRINIDECQSSPCAYGATCVD
 EINGYRCSCPPGRAGPRCQEVIGFGRSCWSRGTPFPHGSSWVEDCNSCRCLDGR
 RDCSKVWCGWKPCLLAGQPEALSAQCPLGQRCLEKAPGQCLRPPCEAWGECGAE
 EPPSTPCLPRSGHLDNNCARLTLHFNRDHVPQGTTVGAICSGIRSLPATRAVARDRL
 LVLLCDRASSGASAVEVAVSFSPARDLPDSSLIQGAHAIVAIAITQRGNSSLLAVTE
 VKVETVVTGGSSTGLIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTL
 MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT
 VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
 LTCLVKGFYPSDIAVEWESNGQPENNYKTTPVLDSGDSFFLYSKLTVDKSRWQQG
 NVFSCSVMHLEAHNHYTQKSLSLSPGKGLNDIFEAQKIEWHE

Endotoxin < 0.01 EU/μg by LAL

Purity > 90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration	0.32 mg/mL by BCA
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Labeling efficiency	2.56 By HABA
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GENE INFORMATION

Gene Name	JAG2 jagged canonical Notch ligand 2 [Homo sapiens (human)]
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Official Symbol	JAG2
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Synonyms	JAG2; jagged canonical Notch ligand 2; HJ2; SER2; LGMDR27; protein jagged-2; jagged 2
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Gene ID	3714
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mRNA Refseq	NM_002226
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Protein Refseq	NP_002217
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MIM	602570
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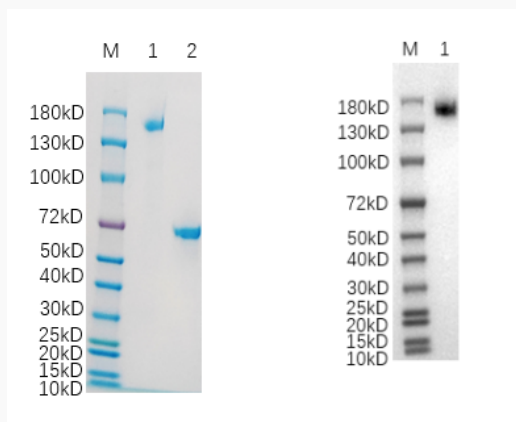
UniProt ID	Q9Y219
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SDS-PAGE and WB



Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Goat Anti-Human IgG/HRP antibody) analysis profiles of purified JAG2. 1. JAG2: 1 μ g 2. BSA: 1 μ g

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