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	MGYFELQLSALRNVNGELLSGACCDGDGRTTRAGGCGHDECDTYVRVCLKEYQAK VTPTGPCSYGHGATPVLGGNSFYLPPAGAAGDRARARARAGGDQDPGLVVIPFQF

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	AWPRSFTLIVEAWDWDNDTTPNEELLIERVSHAGMINPEDRWKSLHFSGHVAHLEL QIRVRCDENYYSATCNKFCRPRNDFFGHYTCDQYGNKACMDGWMGKECKEAVCK QGCNLLHGGCTVPGECRCSYGWQGRFCDECVPYPGCVHGSCVEPWQCNCETNW GGLLCDKDLNYCGSHHPCTNGGTCINAEPDQYRCTCPDGYSGRNCEKAEHACTSN PCANGGSCHEVPSGFECHCPSGWSGPTCALDIDECASNPCAAGGTCVDQVDGFE CICPEQWVGATCQLDANECEGKPCLNAFSCKNLIGGYYCDCIPGWKGINCHINVND CRGQCQHGGTCKDLVNGYQCVCPRGFGGRHCELERDKCASSPCHSGGLCEDLAD GFHCHCPQGFSGPLCEVDVDLCEPSPCRNGARCYNLEGDYYCACPDDFGGKNCS VPREPCPGGACRVIDGCGSDAGPGMPGTAASGVCGPHGRCVSQPGGNFSCICDS GFTGTYCHENIDDCLGQPCRNGGTCIDEVDAFRCFCPSGWEGELCDTNPNDCLPD PCHSRGRCYDLVNDFYCACDDGWKGKTCHSREFQCDAYTCSNGGTCYDSGDTFR CACPPGWKGSTCAVAKNSSCLPNPCVNGGTCVGSGASFSCICRDGWEGRTCTHN TNDCNPLPCYNGGICVDGVNWFRCECAPGFAGPDCRINIDECQSSPCAYGATCVD EINGYRCSCPPGRAGPRCQEVIGFGRSCWSRGTPFPHGSSWVEDCNSCRCLDGR RDCSKVWCGWKPCLLAGQPEALSAQCPLGQRCLEKAPGQCLRPPCEAWGECGAE EPPSTPCLPRSGHLDNNCARLTLHFNRDHVPQGTTVGAICSGIRSLPATRAVARDRL LVLLCDRASSGASAVEVAVSFSPARDLPDSSLIQGAAHAIVAAITQRGNSSLLLAVTE VKVETVVTGGSSTGLIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTL MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS LTCLVKGFYPSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQG NVFSCSVMHEALHNHYTQKSLSLSPGKGLNDIFEAQKIEWHE
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.

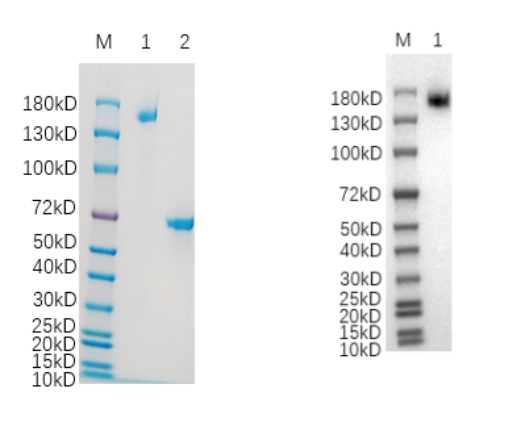
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Concentration	0.32 mg/mL by BCA
Labeling efficiency	2.56 By HABA

GENE INFORMATION

Gene Name	JAG2 jagged canonical Notch ligand 2 [Homo sapiens (human)]
Official Symbol	JAG2
Synonyms	JAG2; jagged canonical Notch ligand 2; HJ2; SER2; LGMDR27; protein jagged-2; jagged 2
Gene ID	3714
mRNA Refseq	NM_002226
Protein Refseq	NP_002217
MIM	602570
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 μg 2. BSA: 1 μg

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