

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

Cat. No. JAG2-229H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated recombinant Human JAG2 Protein 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	MGYFELQLSALRNVNGELLSGACCDGDGRTRAGGCGHDECPTYVRVCLKEYQAK VTPTGPCSYGHGATPVLGGNSFYLPAGAAGDRARARARAGGDQDPGLVVIPFQF

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

AWPRSFTLIVEAWDWDNDTTPNEELLIERVSHAGMINPEDRWKSLHFSGHVAHLEL
 QIRVRCDENYYSATCNKFCRPRNDFFGHYTCDQYGNKACMDGWMGKECKEAVCK
 QGCNLLHGGCTVPGECRCSYGWQGRFCDECVPYPGCVHGSCEVPWQCNCETNW
 GGLLCDKDLNYCGSHHPCTNGGTCINAEPDQYRCTCPDGYSGRNCEKAEHACTSN
 PCANGGSCHEVPSGFECCHCPSGWSGPTCALDIDECASNPCAAGGTCVDQVDGFE
 CICPEQWVGATCQLDANECEGKPCLNAFSCKNLIGGYCDCIPGWKGINCHINVND
 CRGQCQHGGTCKDLVNGYQCVCPRGFGGRHCELERDKCASSPCHSGGLCEDLAD
 GFHCHCPQGFSGPLCEVDVDLCEPSPCRNGARCYNLEGDYCACPDDFGGKNCS
 VPREPCPGGACRVIDGCGSDAGPGMPGTAASGVCGPHGRCVSQPGGNFSCICDS
 GFTGTYCHENIDDCLGQPCRNGGTCIDEVDAFRFCFCPSGWEGELCDTNPNDCLPD
 PCHSRGRCYDLVNDFYCACDDGWKGKTCHSREFQCDAYTCSNGGTCYDSGDTR
 CACPPGWKGSTCAVAKNSSCLPNPCVNGGTCVGSASFSCICRDGWEGRTCTHN
 TND CNPLPCYNGGICVDGVNWFRCECAPGFAGPDCRINIDECQSSPCAYGATCVD
 EINGYRCSCPPGRAGPRCQEVIGFGRSCWSRGTPFPHGSSWVEDCNSCRCLDGR
 RDCSKVWCGWKPCLLAGQPEALSAQCPLGQRCLEKAPGQCLRPPCEAWGECGAE
 EPPSTPCLPRSGHLDNNCARLTLHFNRDHVPQGTTVGAICSGIRSLPATRAVARDRL
 LVLLCDRASSGASAVEVAVSFSPARDLPDSSLIQGAHAIVAAITQRGNSSLLAVTE
 VKVETVVTGGSSTGLIEGRMDPKSCDKTHTCPPCPAPELLGGPSVFLFPPKPKDTL
 MISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLT
 VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSRDELTKNQVS
 LTCLVKGFYPSDIAVEWESNGQPENNYKTTPVLDSGSSFLYSKLTVDKSRWQQG
 NVFSCSVMHAEALHNHYTQKSLSLSPGKGLNDIFEAQKIEWHE

Endotoxin < 0.01 EU/μg by LAL

Purity >80% by SDS-PAGE and HPLC

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 0.095 mg/mL by BCA

Labelling Efficiency 0.79 by HABA

GENE INFORMATION

Gene Name JAG2 jagged canonical Notch ligand 2 [Homo sapiens (human)]

Official Symbol JAG2

Synonyms JAG2; jagged 2; protein jagged-2; HJ2; SER2;

Gene ID 3714

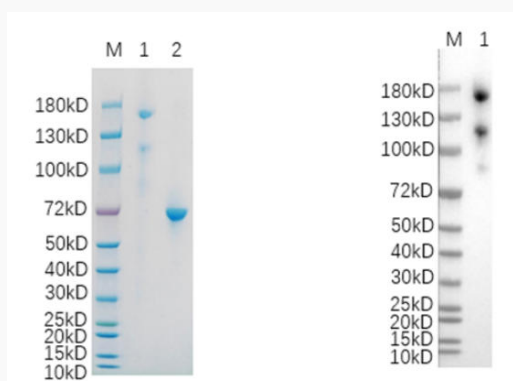
mRNA Refseq NM_002226

Protein Refseq NP_002217

MIM 602570

UniProt ID Q9Y219

SDS-PAGE and WB



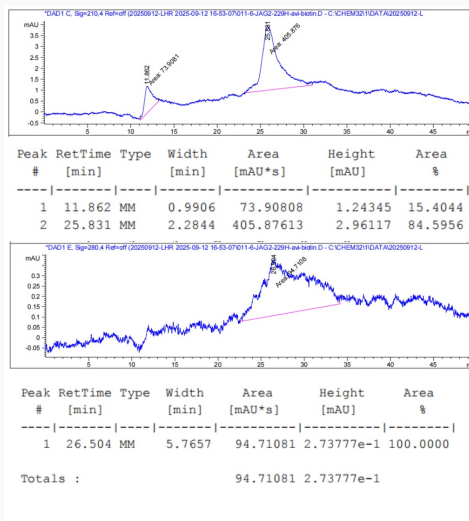
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Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Goat Anti-Human IgG/HRP antibody) analysis profiles of purified JAG2. 1. JAG2: 1 µg 2. BSA: 1 µg

SEC-HPLC analysis profiles of purified JAG2.



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