

Recombinant Human JAG2, Fc-tagged

Cat. No. JAG2-382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Jagged-2 (aa 1-1054) is fused at the C-terminus to the Fc portion of human IgG.
Species	Human
Source	HEK293
ProteinLength	1-1054 a.a.
Description	Jagged-2 is a putative Notch ligand involved in the mediation of Notch signaling, that can induce stromal cells to secrete IL-6, VEGF and IGF-1. Notch activation can interact with NF-kappa;B and C-myc to promote the proliferation and to inhibit the apoptosis of MM cells, showing in the relationship between the incidence of myeloma and drug resistance. Jagged-2 is also involved in limb development.
Form	Liquid. 0.2µm-filtered solution in PBS.
Molecular Mass	~150kDa (SDS-PAGE)
Purity	≥90% (SDS-PAGE)
Stability	Working aliquots are stable for up to 3 months when stored at -20°C.
Storage	Short Term Storage: +4°C; Long Term Storage: -20°C. After opening, prepare aliquots and store at -20°C. Avoid freeze/thaw cycles.

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Concentration 0.2mg/ml

GENE INFORMATION

Gene Name JAG2 jagged 2 [Homo sapiens]

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

Chromosome Location 14q32

Pathway Activated NOTCH1 Transmits Signal to the Nucleus, organism-specific biosystem; Delta-Notch Signaling Pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem;

Function Notch binding; calcium ion binding; growth factor activity; protein binding;

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