

Recombinant Mouse Jag2, Fc-tagged

Cat. No. Jag2-383M Lot. No. (See product label)

SPECIFICATION

Product Overview	Extracellular domain of mouse Jagged-2 (aa 24-1082) is fused at the C-terminus to the Fc portion of human IgG.
Species	Mouse
Source	HEK293
ProteinLength	24-1082 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, showed 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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GENE INFORMATION

Gene Name	Jag2 jagged 2 [Mus musculus]
Official Symbol	Jag2
Synonyms	JAG2; jagged 2; protein jagged-2; syndactylism; sm; Serh; D12Ggc2e; mJagged2-1;
Gene ID	16450
mRNA Refseq	NM_010588
Protein Refseq	NP_034718
Pathway	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; Signaling by NOTCH2, organism-specific biosystem;
Function	Notch binding; growth factor activity;

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