

Recombinant Mouse Jag1 Protein, Myc/DDK-tagged

Cat. No. Jag1-3625M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length jagged 1 (Jag1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be involved in cell-fate decisions during hematopoiesis. Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation. May regulate fibroblast growth factor-induced angiogenesis.
Molecular Mass	134.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

GENE INFORMATION

Gene Name	Jag1 jagged 1 [Mus musculus (house mouse)]
Official Symbol	Jag1
Synonyms	JAG1; jagged 1; protein jagged-1; Serrate-1; Htu; Ozz; ABE2; Ser-1; Gsfabe2
Gene ID	16449
mRNA Refseq	NM_013822
Protein Refseq	NP_038850
UniProt ID	Q9QXX0

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