

Recombinant Human JAG2

Cat. No. JAG2-29877TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 121-210 of Human Jagged 2 with a N terminal proprietary tag; predicted MWt 35.53 kDa inclusive of tag.
Species	Human
Source	Wheat Germ
ProteinLength	90 amino acids
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.
Molecular Weight	35.530kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw

 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

cycles.

Sequences of amino acids AGGDQDPGLVVIPFQFAWPRSFTLIVEAWDWDNDTTPNEELLIERVSHAGMINPED
RWKSLHFSGHVAHLELQIRVRCDENYYSATCNKF

GENE INFORMATION

Gene Name JAG2 jagged 2 [Homo sapiens]

Official Symbol JAG2

Synonyms JAG2; jagged 2; protein jagged-2;

Gene ID 3714

mRNA Refseq NM_002226

Protein Refseq NP_002217

MIM 602570

Uniprot ID Q9Y219

Chromosome Location 14q32

Pathway Delta-Notch Signaling Pathway, organism-specific biosystem; Notch receptor binds with a ligand, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, organism-specific biosystem; Notch signaling pathway, conserved biosystem;

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

 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