

## Recombinant Human JAG1 Protein, MYC/DDK-tagged

Cat. No. JAG1-792H    Lot. No. (See product label)

### SPECIFICATION

|                  |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Overview | Recombinant human JAG1 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.                                                                                                                                                                                                                                                                                                                      |
| Species          | Human                                                                                                                                                                                                                                                                                                                                                                                                             |
| Source           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                            |
| Description      | The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq, Jul 2008] |
| Form             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.                                                                                                                                                                                                                                                                                                                                                            |
| Molecular Mass   | 133.6 kDa                                                                                                                                                                                                                                                                                                                                                                                                         |
| Purity           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                       |
| Concentration    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                  |

### GENE INFORMATION

|           |                          |
|-----------|--------------------------|
| Gene Name | jagged 1[ Homo sapiens ] |
|-----------|--------------------------|

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|                 |                                  |
|-----------------|----------------------------------|
| Official Symbol | JAG1                             |
| Synonyms        | AGS; AHD; AWS; CD339; HJ1; JAGL1 |
| Gene ID         | 182                              |
| mRNA Refseq     | NM_000214.2                      |
| Protein Refseq  | NP_000205                        |
| UniProt ID      | P78504                           |

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