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JAG1 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21532b

Specification

JAG1 Blocking Peptide (C-term) - Product Information

Primary Accession P78504

JAG1 Blocking Peptide (C-term) - Additional Information

Gene ID 182

Other Names
Protein jagged-1, Jagged1, hJ1, CD339, JAG1, JAGL1

Target/Specificity
The synthetic peptide sequence is selected from aa 1190-1204 of HUMAN JAG1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

JAG1 Blocking Peptide (C-term) - Protein Information

Name JAG1

Synonyms JAGL1

Function
Ligand for multiple Notch receptors and involved in the mediation of Notch signaling (PubMed:<a href="http://www.uniprot.org/citations/18660822"

JAG1 Blocking Peptide (C-term) - Background

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 (By similarity). Enhances fibroblast growth factor-induced angiogenesis (in vitro).

JAG1 Blocking Peptide (C-term) - References

Oda T.,et al.Genomics 43:376-379(1997).
Li L.,et al.Nat. Genet. 16:243-251(1997).
Li L.,et al.Immunity 8:43-55(1998).
Bash J.,et al.EMBO J. 18:2803-2811(1999).
Gray G.E.,et al.Am. J. Pathol. 154:785-794(1999).

target="_blank">18660822, PubMed:20437614). May be involved in cell-fate decisions during hematopoiesis (PubMed:9462510). Seems to be involved in early and late stages of mammalian cardiovascular development. Inhibits myoblast differentiation (By similarity). Enhances fibroblast growth factor-induced angiogenesis (in vitro).

Cellular Location
Membrane; Single-pass type I membrane protein.

Tissue Location
Widely expressed in adult and fetal tissues. In cervix epithelium expressed in undifferentiated subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance of immature progenitor cells

JAG1 Blocking Peptide (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides