10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.622.0609

(Mouse) Jag1 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20997c

Specification

(Mouse) Jag1 Blocking Peptide (C-term) - Product Information

Primary Accession	Q9QXX0
Other Accession	Q63722

(Mouse) Jag1 Blocking Peptide (C-term) - Additional Information

Gene ID 16449

Other Names
Protein jagged-1, Jagged1, CD339, Jag1

Target/Specificity
The synthetic peptide sequence is selected from aa 1103-1117 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.

(Mouse) Jag1 Blocking Peptide (C-term) - Protein Information

Name Jag1

Function
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.

(Mouse) 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). May regulate fibroblast growth factor-induced angiogenesis.

(Mouse) Jag1 Blocking Peptide (C-term) - References

Shimizu K.,et al.J. Biol. Chem. 274:32961-32969(1999).
Loomes K.M.,et al.Hum. Mol. Genet. 8:2443-2449(1999).

Inhibits myoblast differentiation (By similarity). May regulate fibroblast growth factor-induced angiogenesis.

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

Tissue Location
Widely expressed in many tissues, with highest expression in brain, heart, muscle and thymus

(Mouse) Jag1 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides