

CD34 Blocking Peptide (C-term)

Synthetic peptide

Catalog # BP20932c

Specification**CD34 Blocking Peptide (C-term) - Product Information**Primary Accession [P28906](#)
Other Accession [Q64314](#)**CD34 Blocking Peptide (C-term) - Additional Information****Gene ID** 947**Other Names**Hematopoietic progenitor cell antigen
CD34, CD34, CD34**Target/Specificity**

The synthetic peptide sequence is selected from aa 320-334 of HUMAN CD34

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.

CD34 Blocking Peptide (C-term) - Protein Information**Name** CD34**Function**

Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the

CD34 Blocking Peptide (C-term) - Background

Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.

CD34 Blocking Peptide (C-term) - References

Simmons D.L.,et al.J. Immunol. 148:267-271(1992).
Satterthwaite A.B.,et al.Genomics 12:788-794(1992).
Nakamura Y.,et al.Exp. Hematol. 21:236-242(1993).
Freund D.,et al.Submitted (JUN-2002) to the EMBL/GenBank/DDBJ databases.
Ota T.,et al.Nat. Genet. 36:40-45(2004).

attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.

Cellular Location

Membrane; Single-pass type I membrane protein.

Tissue Location

Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues

**CD34 Blocking Peptide (C-term) -
Protocols**

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

- [Blocking Peptides](#)