

Cyr61 Blocking Peptide
Catalog # PBV10291b**Specification**

Cyr61 Blocking Peptide - Product Information

Primary Accession	P18406
Gene ID	16007
Calculated MW	41709

Cyr61 Blocking Peptide - Additional Information**Gene ID** 16007**Application & Usage**

The peptide is used for blocking the antibody activity of active Cyr61. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Protein CYR61, 3CH61, CCN family member 1, Cysteine-rich angiogenic inducer 61, Insulin-like growth factor-binding protein 10, IBP-10, IGF-binding protein 10, IGFBP-10, Cyr61, Ccn1, Igfbp10

Target/Specificity

Cyr61

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

Cyr61 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

Cyr61 Blocking Peptide - Protein Information**Name** Ccn1 {ECO:0000312|MGI:MGI:88613}**Function**

Promotes cell proliferation, chemotaxis, angiogenesis and cell adhesion. Appears to play a role in wound healing by up-regulating, in skin fibroblasts, the expression of a number of genes involved in angiogenesis, inflammation and matrix remodeling including VEGA-A, VEGA-C, MMP1, MMP3,

TIMP1, uPA, PAI-1 and integrins alpha-3 and alpha-5 (By similarity). CCN1-mediated gene regulation is dependent on heparin-binding (By similarity). Down-regulates the expression of alpha-1 and alpha-2 subunits of collagen type-1 (By similarity). Promotes cell adhesion and adhesive signaling through integrin alpha-6/beta-1, cell migration through integrin alpha-1/beta-5 and cell proliferation through integrin alpha-v/beta-3 (By similarity).

Cellular Location

Secreted.

Tissue Location

Low in kidney, adrenal gland, testes, brain, and ovary, moderate in heart, uterus, and skeletal muscle, highest in lung

Cyr61 Blocking Peptide - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Cyr61 Blocking Peptide - Images