

Product datasheet

Recombinant Human CYR61/CCN1 protein ab79550

1 Image

Overview

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**Product name** Recombinant Human CYR61/CCN1 protein  
**Protein length** Protein fragment

Description

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**Nature** Recombinant  
**Source** Escherichia coli

Amino Acid Sequence

**Species** Human  
**Amino acids** 275 to 381

Specifications

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Our [Abpromise guarantee](#) covers the use of **ab79550** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications** Western blot  
 ELISA  
 SDS-PAGE  
**Purity** > 90 % SDS-PAGE.  
**Form** Lyophilised

Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
 Constituent: 2.68% PBS

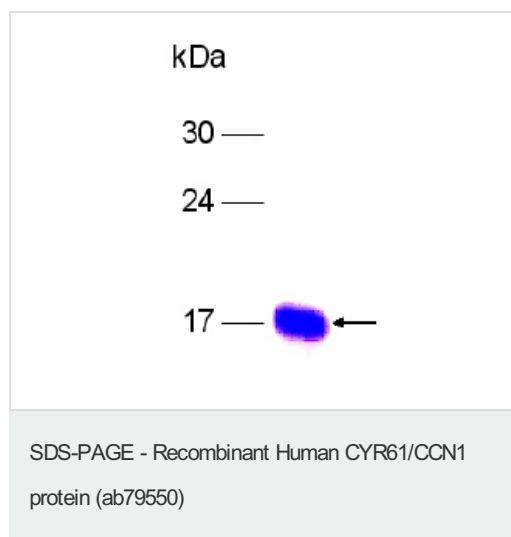
**Reconstitution** Redissolve the powder with 1ml sterile water will restore to the original concentration 1mg/ml.

General Info

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<b>Function</b>	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 VEGF-A, VEGF-C, MMP1, MMP3, TIMP1, uPA, PAI-1 and integrins alpha-3 and alpha-5. CYR61-mediated gene regulation is dependent on heparin-binding. Down-regulates the expression of alpha-1 and alpha-2 subunits of collagen type-1. Promotes cell adhesion and adhesive signaling through integrin alpha-6/beta-1, cell migration through integrin alpha-v/beta-5 and cell proliferation through integrin alpha-v/beta-3.
<b>Sequence similarities</b>	Belongs to the CCN family. Contains 1 CTCK (C-terminal cystine knot-like) domain. Contains 1 IGFBP N-terminal domain. Contains 1 TSP type-1 domain. Contains 1 VWFC domain.
<b>Cellular localization</b>	Secreted.

## Images



ab79550 on 15% SDS PAGE gel,  
Coomassie blue staining.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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