

Recombinant Human CYR61, His-tagged

Cat. No. CYR61-27830TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 275-381 of Human CCN1 fused to His tag, 17kDa.
Species	Human
Source	E.coli
ProteinLength	275-381 a.a.
Description	The secreted protein encoded by this gene is growth factor-inducible and promotes the adhesion of endothelial cells. The encoded protein interacts with several integrins and with heparan sulfate proteoglycan. This protein also plays a role in cell proliferation, differentiation, angiogenesis, apoptosis, and extracellular matrix formation.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: NoneConstituents: 1X PBS
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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**Sequence
Similarities**

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.

GENE INFORMATION

Gene Name

CYR61 cysteine-rich, angiogenic inducer, 61 [Homo sapiens]

Official Symbol

CYR61

Synonyms

CYR61; cysteine-rich, angiogenic inducer, 61; IGFBP10; protein CYR61; CCN1; GIG1;

Gene ID

3491

mRNA Refseq

NM_001554

Protein Refseq

NP_001545

MIM

602369

Uniprot ID

O00622

**Chromosome
Location**

1p22.3

Pathway

Hypertrophy Model, organism-specific biosystem; Regulation of Wnt-mediated beta catenin signaling and target gene transcription, organism-specific biosystem; RhoA signaling pathway, organism-specific biosystem; amb2 Integrin signaling, organism-specific biosystem;

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Function

extracellular matrix binding; heparin binding; insulin-like growth factor binding; integrin binding;

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