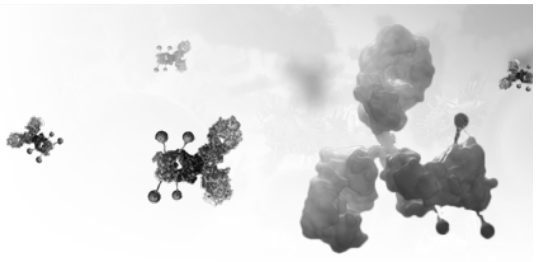

Human CYR61 peptide (DAG-P1381)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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. [provided by RefSeq, Sep 2011]
Conjugate	Unconjugated
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.
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CYR61 cysteine-rich, angiogenic inducer, 61 [Homo sapiens (human)]
Official Symbol	CYR61
Synonyms	CYR61; cysteine-rich, angiogenic inducer, 61; CCN1; GIG1; IGFBP10; protein CYR61; IBP-10; IGFBP-10; CCN family member 1; IGF-binding protein 10; cysteine-rich, anigogenic inducer, 61; cysteine-rich heparin-binding protein 61; insulin-like growth factor-binding protein 10;
Entrez Gene ID	3491
mRNA Refseq	NM_001554.4

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Protein Refseq	NP_001545.2
UniProt ID	O00622
Chromosome Location	1p22.3
Pathway	Hypertrophy Model, organism-specific biosystem; Oncostatin M Signaling Pathway, 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;
Function	extracellular matrix binding; heparin binding; insulin-like growth factor binding; integrin binding;

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