CCN family member 1 (CCN1) Recombinant Protein | CCN1 recombinant protein

Recombinant Human CCN family member 1 (CCN1)

CATALOG #	HOST
AAA115159	**E Coli or Yeast or Baculovirus or Mammalian Cell**

PRODUCT SYNONYMS

CCN family member 1 (CCN1); Recombinant Human CCN family member 1 (CCN1); CCN family member 1; Cysteine-rich angiogenic inducer 61; Insulin-like growth factor-binding protein 10; IBP-10; IGF-binding protein 10; IGFBP-10; Protein GIG1; CCN1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-381aa; Full Length of Mature Protein
Sequence	TCPAACHCPL EAPKCAPGVG LVRDGCGCCK VCAKQLNEDC SKTQPCDHTK GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PNCKHQCTCI DGAVGCIPLC PQELSLPNLG CPNPRLVKVT GQCCEEWVCD EDSIKDPMED QDGLLGKELG FDASEVELTR NNELIAVGKG SSLKRLPVFG MEPRILYNPL QGQKCIVQTT SWSQCSKTCG TGISTRVTND NPECRLVKET RICEVRPCGQ PVYSSLKKGK KCSKTKKSPE PVRFTYAGCL SVKKYRPKYC GSCVDGRCCT PQLTRTVKMR FRCEDGETFS KNVMMIQSCK CNYNCPHANE AAFPFYRLFN DIHKFRD
Species	Homo sapiens (Human)
Production Note	**Special Offer:** The E Coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E Colihost-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E Coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E Coli host-expressed protein for the fastest delivery among all hosts. Please contact our **or email to** for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES

SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for CCN1 recombinant protein	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. 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.

Product Categories/Family for CCN1 recombinant protein	Stem Cells
References	"The angiogenic factor Cyr61 activates a genetic program for wound healing in human skin fibroblasts." Chen C.-C., Mo F.-E., Lau L.F. J. Biol. Chem. 276:47329-47337(2001)

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542331
NCBI GeneID	3491
NCBI Accession #	NP_001545.2
NCBI GenBank Nucleotide #	NM_001554.4
UniProt Accession #	O00622; O14934; O43775; Q9BZL7
Molecular Weight	55.4 kDa
NCBI Official Full Name	protein CYR61
NCBI Official Synonym Full Names	cysteine rich angiogenic inducer 61
NCBI Official Symbol	CYR61
NCBI Official Synonym Symbols	CCN1; GIG1; IGFBP10
NCBI Protein Information	protein CYR61
UniProt Protein Name	Protein CYR61
UniProt Gene Name	**CYR61**
UniProt Synonym Gene Names	CCN1; GIG1; IGFBP10; IBP-10; IGF-binding protein 10; IGFBP-10
UniProt Entry Name	CYR61_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/cyr61-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115159