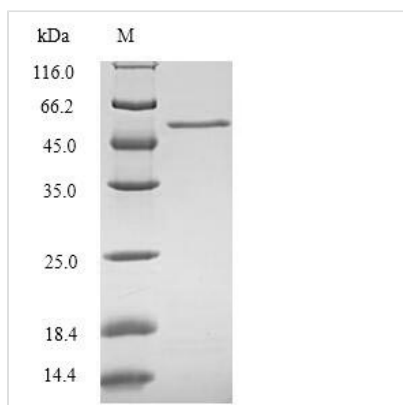




Recombinant Human CCN family member 1 (CCN1)

Product Code	CSB-EP006463HU
Relevance	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.
Abbreviation	Recombinant Human CCN1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	O00622
Product Type	Recombinant Proteins
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TCPAACHCPLEAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKG LECNFGASSTALKGICRAQSEGRPCYEYNSRIYQNGESFQPNCKHQCTCIDGAV GCIPLCPQELSLPNLGCPNPRVLVKVTGQCCEEWVCEDESIKDPMEDQDGLLG KELGFDASEVELTRNNELIAVGKGSSSLKRLPVFGMEPRILYNPLQGQKCIQVQTT SWSQCSKTCGTGISTRVTNDNPECRLVKETRICEVRPCGQPVYSSLKKGKKC SKTKKSPEPVRFTYAGCLSVKKYRPHYCGSCVDGRCTPQLTRTVKMRFRCE DGETFSKNVMMIQSCKCNYNCPHANEAAFPFYRLFNDIHKFRD
Research Area	Stem Cells
Source	E.coli
Target Names	CYR61
Expression Region	25-381aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-SUMO-tagged
Mol. Weight	55.4kDa
Protein Length	Full Length of Mature Protein
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Description

Our Recombinant Human CCN1 protein is designed to support your research in immunology. Representing the full length of the mature protein, this product is produced from the 25-381aa expression region of the human CCN1 gene, also known as CYR61, GIG1, and IGFBP10.

Sourced from E.coli and featuring an N-terminal 6xHis-SUMO tag for efficient purification and detection, the Recombinant Human CCN1 protein is supplied as a lyophilized powder. With a purity of greater than 90% as determined by SDS-PAGE, our CCN1 protein ensures reliability and performance in your experiments.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.