



# Recombinant Mouse CCN family member 1 (Ccn1)

<b>Product Code</b>	CSB-EP006463MO
<b>Relevance</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 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-1/beta-5 and cell proliferation through integrin alpha-v/beta-3
<b>Abbreviation</b>	Recombinant Mouse Cyr61 protein
<b>Storage</b>	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.
<b>Uniprot No.</b>	P18406
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	TCPAACHCPLEAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKG LECNFGASSTALKGICRAQSEGRPCEYNSRIYQNGESFQPNCKHQCTCIDGAV GCIPLCPQELSLPNLGCPNPRLVKVSGQCCEEWVCEDESIKDSLDDQDDLLGL DASEVELTRNNELIAIGKGSLLKRLPVFGTEPRVLFNPLHAHGQKCVQTTTWS QCSKSCGTGISTRVTNDNPECRLVKETRICEVRPCGQPVYSSLKKGKCKSKTK KSPEPVRFTYAGCSSVKKYRPKYCGSCVDGRCCTPLQTRTVKMRFRCEGE MFSKNVMMIQSCKCNYNCPHPNEASFRLYSLFNDIHKFRD
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Target Names</b>	Cyr61
<b>Protein Names</b>	3CH61CCN family member 1Cysteine-rich angiogenic inducer 61Insulin-like growth factor-binding protein 10
<b>Expression Region</b>	25-379aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged
<b>Mol. Weight</b>	42.6 kDa
<b>Protein Length</b>	Full Length of Mature Protein

