



Recombinant Mouse CCN family member 1 (Ccn1)

Product Code	CSB-EP006463MO
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-1/beta-5 and cell proliferation through integrin alpha-v/beta-3
Abbreviation	Recombinant Mouse Cyr61 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.	P18406
Storage Buffer	Tris-based buffer,50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TCPAACHCPLEAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKG LECNFGASSTALKGICRAQSEGRPCYEYNSRIYQNGESFQPNCKHQCTCIDGAV GCIPLCPQELSLPNLGCPNPRLVKVSGQCCEEWVCEDEDSIKDSLDDQDDLLGL DASEVELTRNNELIAIGKGSSLKRLPVFGTEPRVLFNPLHAHGQKCIVQTTWS QCSKSCGTGISTRVTNDNPECRLVKETRICEVRPCGQPVYSSLKKGKCKSKTK KSPEPVRFTYAGCSSVKKYRPKYCGSCVDGRCCTPLQTRTVKMRFRCEGE MFSKNVMMIQSCKCNYNCPHPNEASFRLYSLFNDIHKFRD
Research Area	Immunology
Source	E.coli
Target Names	Cyr61
Protein Names	3CH61CCN family member 1Cysteine-rich angiogenic inducer 61Insulin-like growth factor-binding protein 10
Expression Region	25-379aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	42.6 kDa
Protein Length	Full Length of Mature Protein



liver and inhibits hepatocarcinogenesis by blocking EGFR-dependent hepatocyte compensatory proliferation.

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