

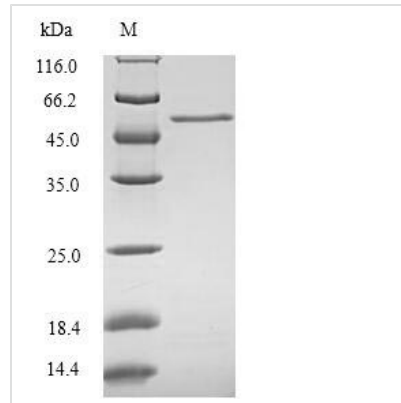


Recombinant Human Protein CYR61(CYR61)

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.
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
Storage Buffer	Tris-based buffer,50% glycerol
Alias	CCN family member 1 Cysteine-rich angiogenic inducer 61 Insulin-like growth factor-binding protein 10 Short name: IBP-10 Short name: IGF-binding protein 10 Short name: IGFBP-10 Protein GIG1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	TCPAACHCPLEAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKG LECNFGASSTALKGICRAQSEGRPCEYNSRIYQNGESFQPNCKHQCTCIDGAV GCIPLCPQELSLPNLGCNPRLVKVTGQCCEEWVCEDESIKDPMEDQDGLLG KELGFDASEVELTRNNELIAVGKGSSLKRLPVFGMEPRILYNPLQGQKCIVQTT SWSQCSKTCGTGISTRVTNDNPECRLVKETRICEVRPCGQPVYSSLKKGKKC SKTKKSPEPVRFYAGCLSVKKYRPHYCGSCVDGRCCTPQLTRTVKMRFRCE DGETFSKNVMMIQSCKCNYNCPHANEAAFPFYRLFNDIHKFRD
Lead Time	3-7 business days
Research Area	Stem Cells
Source	E.coli
Gene 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 Description**

Full Length of Mature Protein

Image

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