

Product datasheet for **TP750170**

CCN1 (CYR61) (NM_001554) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human cysteine-rich, angiogenic inducer, 61 (CYR61), Thr25-end, mutant Ser316Cys, tag free, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(25Thr-End) of CCN1(Ser316Cys)
Tag:	Tag Free
Predicted MW:	39.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 500 mM NaCl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001545
Locus ID:	3491
UniProt ID:	O00622 , Q6FI18
RefSeq Size:	2295
Cytogenetics:	1p22.3
RefSeq ORF:	1143
Synonyms:	CYR61; GIG1; IGFBP10



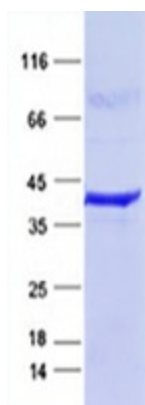
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Summary:

The secreted protein encoded by this gene is growth factor-inducible and promotes the adhesion of endothelial cells. The encoded protein interacts with several integrins and with heparan sulfate proteoglycan. This protein also plays a role in cell proliferation, differentiation, angiogenesis, apoptosis, and extracellular matrix formation. [provided by RefSeq, Sep 2011]

Protein Families:

Druggable Genome, ES Cell Differentiation/IPS, Secreted Protein

Product images:

Purified recombinant protein CCN1 Mutant was analyzed by SDS-PAGE gel and Coomassie Blue Staining.