

## Product datasheet for **TP723064**

### 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).
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MTCPAACHCP LEAPKCAPGV GLVRDGC GCC KVCAKQLNED CSKTQPCDHT KGLECNFGAS STALKGICRA QSEGRPCEYN SRIYQNGESF QPNCKHQCTC IDGAVGCIPL CPQELSLPNL GCPNRLVKV TGQCCEEWVC DEDSIKDPME DQDGLLGKEL GFDASEVELT RNNELIavgk GSSLRKLPVF GMEPRILYNP LQGQKCIVQT TSWSQCSKTC GTGISTRVTN DNPECRLVKE TRICEVRPCG QPVYSSLKKG KKCSKTKKSP EPVRFYAGC LSVKKYRPKY CGSCVDGRCC TPQLTRTVKM RFRCEdGETF SKNVMMIQSC KCNYNCPHAN EAAFPFYRLF NDIHKFRD
Tag:	Tag Free
Predicted MW:	39.5 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Lyophilized from a 0.2 μM filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bioactivity:	Determined by the dose-dependent stimulation of the proliferation of murine 3T3 cells. The expected ED50 for this effect is 2.0-3.0ug/mL.
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (< 1 EU/μg)
Storage:	Store at -80°C.
Stability:	Stable for at least 6 months from date of receipt under proper storage and handling conditions.
RefSeq:	<a href="#">NP_001545</a>
Locus ID:	3491
UniProt ID:	<a href="#">O00622</a> , <a href="#">Q6FI18</a>
RefSeq Size:	2295
Cytogenetics:	1p22.3
RefSeq ORF:	1143



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**Synonyms:** CYR61; GIG1; IGFBP10

**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:**

