

Recombinant Full Length Human CYR61 Protein, GST-tagged

Cat. No. CYR61-2486HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CYR61 full-length ORF (AAH01271.1, 1 a.a. - 381 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	381 amino acids
Description	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]
Molecular Mass	67.65 kDa
AA Sequence	MSSRIARALALVVTLLHLTRLAPSTCPAACHCPLKAPGVGLVRDGCCKVCA KQLNEDCSKTQPCDHTKGLECNFGASSTALKGICRAQSEGRPCEYNSRIYQNGESF QPNCKHQCTCIDGAVGCIPLCPQELSLPNLGCNPRLVKVTGQCCEEWVCDSESIK DPMEDQDGLLGKELGFDASEVELTRNNELIAVGKGSSSLKRLPVFGMEPRILYNPLQG QKCIVQTTWSQCSKTCTGTGISTRVTNDNPECRLVKETRICKVRPCGQPVYSSLKK GKKCSKTKKSPEPVRFTYAGCLSVKKYRPHYCGSCVDGRCCTPQLTRTVKMRFRD EDGETFSKNVMMIQSCKCNYNCPHANEAAFPFYRLFNDIHKFRD

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CYR61 cysteine-rich, angiogenic inducer, 61 [Homo sapiens]
Official Symbol	CYR61
Synonyms	CYR61; cysteine-rich, angiogenic inducer, 61; IGFBP10; protein CYR61; CCN1; GIG1; IBP-10; IGFBP-10; CCN family member 1; IGF-binding protein 10; cysteine- rich, anigogenic inducer, 61; cysteine-rich heparin-binding protein 61; insulin-like growth factor-binding protein 10;
Gene ID	3491
mRNA Refseq	NM_001554
Protein Refseq	NP_001545
MIM	602369
UniProt ID	O00622

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