

## Recombinant Human CYR61 protein, His-SUMO-tagged

Cat. No. CYR61-2797H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CYR61 protein(O00622)(25-381aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	25-381aa
<b>Form</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
<b>Molecular Mass</b>	55.4 kDa
<b>AA Sequence</b>	<p>                     TCPAACHCPLKAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKGLECN                      FGASSTALKGICRAQSEGRPCEYNSRIYQNGESFQPNCKHQCTCIDGAVGCIPLCP                      QELSLPNLGCPNPRLVKVTGQCCEEWVWVCEDESIKDPMEDQDGLLGKELGFDASEV                      ELTRNNELIavgkGSSLKRLPVFGMEPRILYNPLQGQKCIVQTTSWSQCSKTCGTGI                      STRVTNDNPECRVLKETRICEVRPCGQPVYSSSLKKGKKCSKTKKSPEPVRFTYAGC                      LSVKKYRPKYCGSCVDGRCCTPQLTRTVKMRFRCEdGETFSKNVMMIQSCKCNYN                      CPHANEAAFPFYRLFNDIHKFRD                 </p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

<b>Gene Name</b>	CYR61 cysteine-rich, angiogenic inducer, 61 [ Homo sapiens ]
<b>Official Symbol</b>	CYR61
<b>Synonyms</b>	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;
<b>Gene ID</b>	3491
<b>mRNA Refseq</b>	NM_001554
<b>Protein Refseq</b>	NP_001545
<b>MIM</b>	602369
<b>UniProt ID</b>	O00622

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