

# Human CYR61 Recombinant Protein



RPPB0153

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## Product Information    Protein Information

**Product SKU:**

RPPB0153

**Accession:**

O00622

**Host:**

Escherichia Coli.

**Protein description:**

CYR61 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 357 amino acids and having a molecular mass of 39.5kDa. The CYR61 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**Synonyms:**

CYR61, Protein CYR61, Cysteine-rich angiogenic inducer 61, IGF-binding protein 10, IGFBP-10, IBP-10, Protein GIG1, CCN family member 1, CCN1, GIG1, IGFBP10.

**Formulation:**

Lyophilized from a 0.2m filtered concentrated solution in PBS, pH 7.4.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized CYR61 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized CYR61 Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution CYR61 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

TCPAACHCPL EAPKCAPGVG LVRDGGCCK VCAKQLNEDC SKTQPCDHTK GLECNFGASS TALKGICRAQ  
SEGRPCEYNS RIYQNGESFQ PNCKHQCTCI DGAVGCIPLC PQELSLPNLG CPNPRLVKVT GQCCEEWVCD  
EDSIKDPMED QDGLLGKELG FDASEVELTR NNELIavgkg SSLKRLPVFG MEPRILYNPL QGQKCIVQTT  
SWSQCSKTCG TGISTRVTND NPECRLVKET RICEVRPCGQ PVYSSLKKGK KCSKTKKSPE PVRFTYAGCL  
SVKKYRKYC GSCVDGRCTPQLTRTVKMR FRCEDETFE KNVMMIQSCK CNYNCPHANE AAFPYRLFN  
DIHKFRD

**Biological Activity:**

The ED<sub>50</sub> was determined by the proliferation of mouse 3T3 cells is < 2.0 ug/ml, corresponding to a specific activity of > 500 units/mg.