

Active Recombinant Human CYR61 Protein, Fc Chimera

Cat. No. CYR61-895H **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human CYR61 (Accession # O00622), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived. |
| Species | Human |
| Source | CHO |
| Predicted N Terminal | Ala22 |
| Form | Lyophilized from a 0.2 µ filtered solution in PBS and NaCl. |
| Bio-activity | Measured by its ability to mediate Balb/3T3 mouse embryonic fibroblast cell adhesion. Ball, D.K. et al. (2003) Reproduction 125:271. Recombinant Human Cyr61/CCN1 Fc Chimera immobilized at 1.5 µg/mL, 100 µL/well, will mediate >25% BALB/3T3 cell adhesion (3 x 10 ⁴ cell/well added). |
| Molecular Mass | Recombinant Human CYR61, Fc Chimera has a calculated MW of 66.3 kDa. In SDS-PAGE migrates as 70-75 kDa, reducing conditions. |
| Purity | >90%, by SDS-PAGE under reducing conditions and visualized by silver stain. |
| Storage | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

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GENE INFORMATION

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|----------------------------|--|
| 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 |
| Chromosome Location | 1p22.3 |

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