

Active Recombinant Human CYR61 Protein, Fc Chimera

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

SPECIFICATION

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

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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