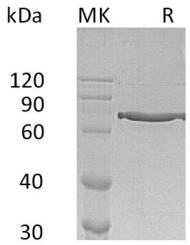
Product Name: Recombinant Human Cyr61 (C-Fc)
Catalog #: PHH0488

Summary

Name	Cyr61/CCN1/Cysteine-rich angiogenic inducer 61
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Cysteine-rich Angiogenic Inducer 61 is produced by our Mammalian expression system and the target gene encoding Thr25-Asp381 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	O00622
Host	Human Cells
Species	Human
Predicted Molecular Mass	66.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 6% Trehalose, 4% Mannitol, 0.05% Tween80, pH7.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Alternative Names	Protein CYR61;CCN family member 1; Cysteine-rich angiogenic inducer 61;Insulin-

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Background	like growth factor-binding protein 10 ; GIG1; CYR61; CCN1;IGFBP10; Protein CYR61, also known as CCN family member 1, Cysteine-rich angiogenic inducer 61,Insulin-like growth factor-binding protein 10 , GIG1, CYR61, CCN1 and IGFBP10, belongs to the CCN family, CYR61 is a secreted protein and contains one CTCK (C-terminal cystine knot-like) domain,one IGFBP N-terminal domain,one TSP type-1 domain and one VWFC domain. CYR61 promotes cell proliferation, chemotaxis, angiogenesis and cell adhesion. CYR61 plays important roles in inflammation and tissue repair. CYR61 is associated with diseases related to chronic inflammation, including rheumatoid arthritis, atherosclerosis, diabetes-related nephropathy and retinopathy, and many different forms of cancers.

Note

For Research Use Only , Not for Diagnostic Use.