

32-7854: Recombinant Human Cyr61/CCN1 (C-Fc)

Gene : CYR61

Gene ID : 3491

Uniprot ID : O00622

Description

Source: Human Cells.

MW :66.5kD.

Recombinant Human CCN1 is produced by our Mammalian expression system and the target gene encoding Thr25-Asp381 is expressed with a Fc tag at the C-terminus. 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.

Product Info

Amount : 10 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks.
Storage condition : Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Amino Acid : TCPAACHCPLKAPKCAPGVGLVRDGCCKVCAKQLNEDCSKTQPCDHTKGLECNFGASSTALK
GICRAQSEGRPCYNSRIYQNGESFQPNCKHQCTCIDGAVGCIPLCPQELSLPNLGCPNRLVKVT
GQCCEEWVCDSDIKDPMEDQDGLLGKELGFDASEVELTRNNELIAGVGKSSLRPLVFGMEPRIL
YNPLQGQKCIVQTTSSWSQSKTCGTGISTRVTNDNPECRLVKETRICEVRPCGQPVYSSLKKGKK
CSKTKKSPEPVRFTYAGCLSVKKYRPHYCGSCVDGRCCTPQLTRTVKMRFCEDGETFSKNVMMI
QSCKCNYNCPHANEAAFPFYRLFNDIHKFRDVEDIEGRMDPEKSCDKTHTCPPCPAPPELLGGPSV
FLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSV
LTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKG
FYPYSDIAVEWESNGQPENNYKTTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNH
YTQKSLSLSPGK

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Endotoxin : Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.