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Datasheet for ABIN7318369 CYR61 Protein (Fc Tag)

Overview

Quantity:	50 µg
Target:	CYR61
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CYR61 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human Cyr61/CCN1 Protein (Fc Tag)
Sequence:	Thr 25-Asp381
Characteristics:	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 Fc tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CYR61
Alternative Name:	Cyr61/CCN1 (CYR61 Products)
Background:	Background: 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,

Target Details

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.

Synonym: Protein CYR61, CCN family member 1, Cysteine-rich angiogenic inducer 61, Insulin-like growth factor-binding protein 10, GIG1, CYR61, CCN1, IGFBP10,

Molecular Weight:	66.5 kDa
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UniProt:	O00622
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Pathways:	Positive Regulation of Endopeptidase Activity , Growth Factor Binding
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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Storage:	4 °C, -20 °C, -80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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