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CYR61 (275-381)

Cysteine-Rich Angiogenic Inducer 61 (275-381 a.a.) Human Recombinant
GRF0023

Product Overview

Name	CYR61 (275-381)

Description

Cysteine-Rich Angiogenic Inducer 61 (275-381 a.a.) Human Recombinant

Accession (Primary)	O00622

Synonyms

CYR61, Protein CYR61, Cysteine-rich angiogenic inducer 61, IGF-binding protein 10, IGFBP-10, IBP-10, Protein GIG1, CCN family member 1, CCN1, GIG1, IGFBP10.

Source

Escherichia Coli.

Physical Appearance

Filtered White lyophilized (freeze-dried) powder.

Formulation

Each mg was lyophilized with 1xPBS, 0.4% SDS and 4mM DTT.

Stability

Store lyophilized CYR61at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.

Purity

Greater than 90% as determined by SDS-PAGE.

Solubility

It is recommended to add deionized water to prepare a working stock solution of approximately 0.5mg/ml and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it on cell culture.

Background

Cysteine-Rich Angiogenic Inducer 61 also known as CYR61 is a growth factor-inducible, immediate-early gene which has many activities in various cancers. CYR61 is a part of to the CCN family a group of secreted extracellular matrix-associated proteins which regulate diverse biological processes including cell adhesion, proliferation, migration, survival and angiogenesis. CYR61 plays a significant role in development, tissue repair, wound healing, and various

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pathological conditions such as cancer and fibrosis. CYR61 is encoded by a growth factor-inducible immediate-early gene. CYR61 promotes the adhesion of endothelial cells by interaction with integrin and enhances growth factor-induced DNA synthesis in the same cell type.

Precautions

CYR61 (275-381) is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (O00622)

Background

Cysteine-Rich Angiogenic Inducer 61 also known as CYR61 is a growth factor-inducible, immediate-early gene which has many activities in various cancers. CYR61 is a part of to the CCN family a group of secreted extracellular matrix-associated proteins which regulate diverse biological processes including cell adhesion, proliferation, migration, survival and angiogenesis. CYR61 plays a significant role in development, tissue repair, wound healing, and various pathological conditions such as cancer and fibrosis. CYR61 is encoded by a growth factor-inducible immediate-early gene. CYR61 promotes the adhesion of endothelial cells by interaction with integrin and enhances growth factor-induced DNA synthesis in the same cell type.