9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

CITED2 (1-160) Human

Cbp/p300-Interacting Transactivator 2 (1-160) Human Recombinant
RCP0442

Product Overview

Name	CITED2 (1-160) Human

Description

Cbp/p300-Interacting Transactivator 2 (1-160) Human Recombinant

Accession (Primary)	Q99967

Synonyms

MRG1, P35SRJ, CIT-ED2, MSG-related protein 1, MRG-1, CITED2.

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 CITED2 at -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

CITED2 also known as Cbp/p300-Interacting Trans activator 2 is an important transcriptional cofactor which is involved in multiple organ development. CITED2 is part of the CITED family which take an important role in gene regulation & cellular signalling. CITED2 is a cAMP-responsive element-binding protein interacting transcriptional modulator and an anticipated negative regulator for Recombinant human CITED2 protein 1 hypoxia-inducible factor (HIF) -1alpha by competing on the binding with HIF-1alpha to CBP/p300. CITED2 is essential for Mouse Fetal liver haematopoiesis and

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also mandatory for the appropriate formation of the hyaloid vasculature and for lens morphogenesis as well. CITED2 is recognized for its relations with transcriptional coactivators, such as CBP and p300 and also takes part in various biological processes, together with cardiovascular development, metabolism, as well as response to hypoxia. Moreover, the most valuable form of CITED2 for learning its functional roles & potential applications in cancer research and regenerative medicine is the Recombinant one which is produced by molecular cloning and expression systems.

Precautions

CITED2 (1-160) Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99967)

Background

CITED2 also known as Cbp/p300-Interacting Trans activator 2 is an important transcriptional cofactor which is involved in multiple organ development. CITED2 is part of the CITED family which take an important role in gene regulation & cellular signalling. CITED2 is a cAMP-responsive element-binding protein interacting transcriptional modulator and an anticipated negative regulator for Recombinant human CITED2 protein 1 hypoxia-inducible factor (HIF) -1alpha by competing on the binding with HIF-1alpha to CBP/p300. CITED2 is essential for Mouse Fetal liver haematopoiesis and also mandatory for the appropriate formation of the hyaloid vasculature and for lens morphogenesis as well. CITED2 is recognized for its relations with transcriptional coactivators, such as CBP and p300 and also takes part in various biological processes, together with cardiovascular development, metabolism, as well as response to hypoxia. Moreover, the most valuable form of CITED2 for learning its functional roles & potential applications in cancer research and regenerative medicine is the Recombinant one which is produced by molecular cloning and expression systems.