9051 Mira Mesa Blvd, #910094
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CITED2 Human

Cbp/p300-Interacting Transactivator 2 Human Recombinant
RCP0443

Product Overview

Name	CITED2 Human
Description	
Cbp/p300-Interacting Transactivator 2 Human Recombinant	
Accession (Primary)	Q99967
Synonyms	
MRG1, P35SRJ, CIT-ED2, Cbp/p300-interacting transactivator 2, MSG-related protein 1, MRG-1, CITED2.	
Introduction	
CITED2 is a significant transcriptional cofactor that takes part in multiple organ development. CITED2 is a cAMP-responsive element-binding protein (CBP)/p300 interacting transcriptional modulator and a negative regulator for HIF1A through its competitive binding with HIF1A to CBP/p300. CITED2 is essential for mouse fetal liver hematopoiesis and is necessary for the appropriate formation of the hyaloid vasculature and for lens morphogenesis. CITED2 is a coactivator of HNF4alpha and necessary for liver development. CITED2 is a coactivator of PPAR-alpha and both participate in signaling cascades of hypoxic response and angiogenesis.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The CITED2 solution contains 20mM Tris pH-8, 1mM DTT ,0.1M NaCl & 50% glycerol.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MADHMMAMNH GRFPDGTNGL HHHPAHRMGM GQFPSPHHHQ QQQPQHAFNA LMGEHIHYGA GNMNATSGIR HAMGPGTVNG GHPPSALAPA ARFNNSQFMGPPVASQGGSL PASMQLQKLN NQYFNHHPYP HNHYMPDLHP AAGHQMNGTN QHFRDCNPKH SGGSSTPGGS GGSSTPGGSG SSSGGGAGSS NSGGGSGSGN MPASVAHVPA	

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AMLPPNVIDT DFIDEEVLMS LVIEMGLDRI KELPELWLGQ NEFDFMTDFV CKQQPSRVSC LEHHHHHH .

Precautions

CITED2 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q99967)