

32-3543: CITED2 Recombinant Protein

Alternative Name : MRG1,P35SRJ,CIT-ED2,Cbp/p300-interacting transactivator 2,MSG-related protein 1,MRG-1,CITED2.

Description

Source : Escherichia Coli. CITED2 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 278 amino acids (1-270 a.a.) and having a molecular mass of 29.5 kDa. The CITED2 is fused to an 8 amino acid His Tag at C-terminus and purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	The CITED2 solution contains 20mM Tris pH-8, 1mM DTT ,0.1M NaCl & 50% glycerol.
Storage condition :	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.
Amino Acid :	MADHMMAMNH GRFPDGTNGL HHHPAHRMGM GQFSPHHHQ QQPQHAFNA LMGEHIHYGA GNMNATSGIR HAMGPGTVNG GHPPSALAPA ARFNNSQFMGPPVASQGGSL PASMQLQKLN NQYFNHHPYP HNHYPDLHP AAGHQMNGTN QHFRDCNPKH SGGSTPGGS GGSSTPGGSG SSSGGGAGSS NSGGGSGSGN MPASVAHVPA AMLPPNVIDT DFIDEVLMS LVIEMGLDRI KELPELWLGQ NEFDFTDFV CKQQPSRVSC LEHHHHHH.