

CITED2, 1- 270 aa, Human, His-tagged, Recombinant, E.coli

Cat.NO.: TP01628

3th Edition

Synonyms:Cbp/p300-interacting transactivator 2, MRG1, P35SRJ

Description:CITED2 is an important transcriptional cofactor involved in multiple organ development. It is a cAMP responsive element-binding protein (CBP)/p300 interacting transcriptional modulator and a proposed negative regulator for hypoxia-inducible factor (HIF)-1 α through its competitive binding with HIF-1 α to CBP/p300.

Form:Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl, 50% glycerol, 1mM DTT

Molecular Weight:29.5 kDa (278 aa)

Sequences:

MADHMMAMNHGRFPDGTNGLHHHPAHRMGMGQFPSPHHHQQQPQLHAFNALMGEHIHYGAGNMNATSGIRHA
MGP GTVNGGHPPSALAPAARFNSQFMGPPVASQGGSLPASMQLQKLNNQYFNHHPYPHNHYMPDLHPAAGHQ
MNGTNQHFRDCNPKHSGGSSTPGGSGGSSTPGGSGSSSGGAGSSNSGGGSGSGNMPASVAHVPAAMLPPN
VIDTDFIDEEVLM SLVIEMGLDRIKELPELWLGQNEFDFMTDFVCKQQPSRVSCLEHHHHHH

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 μ g of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.