

**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 $\alpha$  through its competitive binding with HIF-1 $\alpha$  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:**

MADHMMAMNHGRFPDGTNGLHHHPAHRMGMGQFPSPHHHQQQQPQHAFNALMGEHIIHYGAGNMNATSGIRHA  
MGPGTVNGGHPPSALAPAARFNNSQFMGPPVASQGGSLPASMQLQKLNNQYFNHHHPYPHNHYMPDLHPAAGHQ  
MNGTNQHFRDCNPKHSGGSSTPGGSGGSSTPGGSGSSSGGGAGSSNSGGGSGSGNMPASVAHVPAAMLPPN  
VIDTDFIDEEVLMSLVIEMGLDRIKELPELWLQGNEFDFMTDFVCKQQPSRVSCLEHHHHHHH

**Purity:**> 95% by HPLC

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

**Endotoxin Level:**<1.0 EU per 1  $\mu$ 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.