

Product information



CITED2, 1- 270 aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP0326

Full name: Cbp/p300-interacting transactivator 2

NCBI Accession No.: NP_006070

Synonyms: 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. CITED2 is necessary for mouse fetal liver hematopoiesis and is required for the proper formation of the hyaloid vasculature and for lens morphogenesis. Recombinant CITED2 protein was expressed in *E.coli* and purified by using conventional chromatography techniques.

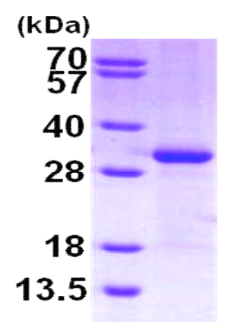
Form: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 0.1M NaCl,
50% glycerol, 1mM DTT

Molecular Weight: 29.5 kDa (278 aa)

Purity: > 90% by SDS - PAGE

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

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MADHMMAMNH GRFPDGTNGL HHHPAHRMGM QQFPSPHHHQ QQQPQHAFNA LMGEH IHYGA GNMNATSGIR HAMGPGTVNG GHPPSALAPA ARFNNSQFMG
PPVASQGGSL PASMQLQKLN NQYFNHHPYP HNHYPDLHP AAGHQMNGTN QHFRDCNPKH SGGSTPGGS GGSSTPGGSG SSSGGGAGSS NSGGGSGSGN
MPASVAHVPA AMLPPNVIDT DFIDEEVLMS LVIEMGLDRI KELPELWLGQ NEFDFMTDFV CKQQPSRVSC LEHHHHHH

General references:

Bijl J., *et al.* (2006) *Blood*. 108(1):116-22.

Chen Y., *et al.* (2008) *Development*. 135(17):2939-48.

WARNING: THIS PRODUCT IS NOT INTENDED OR APPROVED FOR HUMAN, DIAGNOSTICS OR VETERINARY USE. USE OF THIS PRODUCT FOR HUMAN OR ANIMAL TESTING IS EXTREMELY HAZARDOUS AND MAY RESULT IN DISEASE, SEVERE INJURY, OR DEATH.

Product information



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.

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