

## Product datasheet for **TP503568**

### Cited2 (NM\_010828) Mouse Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Mouse Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 (Cited2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug

**Species:** Mouse

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >MR203568 representing NM\_010828

Red=Cloning site Green=Tags(s)

MADHMMAMNHGRFPDGTNGLHHHPAHRMGMGQFSPHHHQQQPQHAFNALMGEHIHYGAGNMNATSGIR  
HAMGPGTVNGGHPPSALAPAARFNNSQFMGPPVASQGGLPASMQLQKLNNQYFNHHHPYPHNHYPDLHP  
TAGHQMNQTNQHFRDCNPKHSGGSSTPGGAGGSGTPGGSGGTSGGAGGSSAGGSGGGSTMPASVAHVPA  
MLPPNVIDTDFIDEVLMVSLVIEMGLDRIKELPELWLGQNEFDMTDFVCKQQPSRVSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-MYC/DDK

**Predicted MW:** 28.3 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C after receiving vials.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_034958](#)

**Locus ID:** 17684

**UniProt ID:** [O35740](#)



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RefSeq Size: 1980

Cytogenetics: 10 A2

RefSeq ORF: 807

Synonyms: AI835299; ER154-like; Mrg1; Msg2; p35srj

**Summary:** Transcriptional coactivator of the p300/CBP-mediated transcription complex. Acts as a bridge, linking TFAP2 transcription factors and the p300/CBP transcriptional coactivator complex in order to stimulate TFAP2-mediated transcriptional activation. Positively regulates TGF-beta signaling through its association with the SMAD/p300/CBP-mediated transcriptional coactivator complex. Stimulates the peroxisome proliferator-activated receptors PPARA transcriptional activity. Enhances estrogen-dependent transactivation mediated by estrogen receptors. Acts also as a transcriptional corepressor; interferes with the binding of the transcription factors HIF1A or STAT2 and the p300/CBP transcriptional coactivator complex. Participates in sex determination and early gonad development by stimulating transcription activation of SRY. Plays a role in controlling left-right patterning during embryogenesis; potentiates transcriptional activation of NODAL-mediated gene transcription in the left lateral plate mesoderm (LPM). Plays an essential role in differentiation of the adrenal cortex from the adrenogonadal primordium (AGP); stimulates WT1-mediated transcription activation thereby up-regulating the nuclear hormone receptor NR5A1 promoter activity. Associates with chromatin to the PITX2 P1 promoter region.[UniProtKB/Swiss-Prot Function]