

## Product datasheet for TP329801L

### CITED2 (NM\_001168388) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Purified recombinant protein of Homo sapiens Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 (CITED2), transcript variant 2, 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC229801 representing NM\_001168388

**AA Sequence:** Red=Cloning site Green=Tags(s)

MADHMMAMNHGRFPDGTNGLHHHPAHRMGMGQFPSPHHHQQQPQHAFNALMGEHIHYGAGNMNATSGIR  
HAMGPGTVNGGHPPSALAPAARFNNSQFMGPPVASQGGSLPASMQLQKLNNQYFNHHYPHNHYMPDLHP  
AAGHQMNQTNQHFRCNPKHSGGSSTPGGSGGSSTPGGSGSSSGGGAGSSNSGGGSGSGNMPASVAHVPA  
AMLPPNVIDTDFIDEVLMSLVIEMGLDRIKELPELWLGQNEFDGMTDFVCKQQPSRVSC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Tag:** C-Myc/DDK

**Predicted MW:** 28.9

**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

**Preparation:** NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.

**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.

**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\\_001161860](#)

**Locus ID:** 10370



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UniProt ID: [Q99967](#), [D9ZGF1](#)

Cytogenetics: 6q24.1

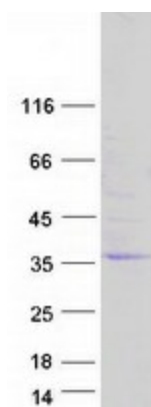
RefSeq ORF: 810

Synonyms: ASD8; MRG-1; MRG1; P35SRJ; VSD2

**Summary:** The protein encoded by this gene inhibits transactivation of HIF1A-induced genes by competing with binding of hypoxia-inducible factor 1-alpha to p300-CH1. Mutations in this gene are a cause of cardiac septal defects. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, May 2012]

**Protein Families:** Druggable Genome, Transcription Factors

### Product images:



Coomassie blue staining of purified CITED2 protein (Cat# [TP329801]). The protein was produced from HEK293T cells transfected with CITED2 cDNA clone (Cat# [RC229801]) using MegaTran 2.0 (Cat# [TT210002]).