

Product datasheet for **TP329801M**

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, 100 µg

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
AAGHQMNQGTNQHFRDCNPKHSGGSSTPGGSGGSSTPGGSGSSSGGGAGSSNSGGGSGSGNMPASVAHVPA
AMLPPNVIDTDFIDEVLMMSLVIEMGLDRIKELPELWLGQNEFDFMTDFVCKQQPSRVSC

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

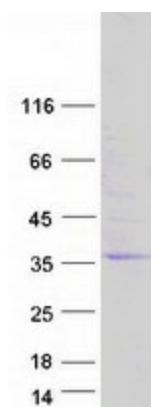
RefSeq ORF: 810

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]).