

Recombinant Full Length Human CITED2 Protein, C-Flag-tagged

Cat. No. CITED2-1582HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CITED2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	28.9 kDa
AA Sequence	MADHMMAMNHGRFPDGTNGLHHHPAHRMGMGQFSPHHHQQQPQHAFNALM GEHIHYGAGNMNATSGIR HAMGPGTVNGGHPPSALAPAARFNNSQFMGPPVASQ GGSLPASMQLQKLNNQYFNHHPYPHNHYMPDLHP AAGHQMNNGTNQHFRDCNPK HSGGSSTPGGSGGSSTPGGSGSSSGGAGSSNSGGGSGSGNMPASVAHVPA AMLPPNVIDTDFIDEEVLMSLVIEMGLDRIKELPELWLGQNEFDGMTDFVCKQQPSR VSCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	CITED2 Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 2 [Homo sapiens (human)]
Official Symbol	CITED2
Synonyms	ASD8; MRG1; VSD2; MRG-1; P35SRJ
Gene ID	10370
mRNA Refseq	NM_001168388.3
Protein Refseq	NP_001161860.1
MIM	602937

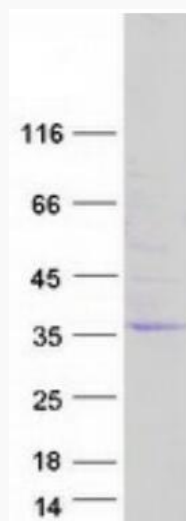
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UniProt ID

Q99967



Coomassie blue staining of purified CITED2 protein.

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