

Recombinant Human CITED2, His-tagged

Cat. No. CITED2-27074TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CITED2 fused to His tag at C-terminal; amino acids 1-270 , 29.5kDa.
Species	Human
Source	E.coli
ProteinLength	1-270 a.a.
Description	The protein encoded by this gene inhibits transactivation of HIF1A-induced genes by competing with binding of HIF1a to p300-CH1. Mutations in this gene are a cause of cardiac septal defects. Three transcript variants encoding the same protein have been found for this gene.
Conjugation	HIS
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 50% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8
Storage	Store at +4°C.

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Sequences of amino acids

MADHMMAMNH GRFPDGTNGL HHPAHRMGM GQFSPHHHQ QQQPQHAFNA
 LMGEHIHYGA GNMNATSGIR HAMGPGTVNG GHPPSALAPA ARFNNSQFMG
 PPVASQGGSL PASMQLQKLN NQYFNHHPYP HNHYPDLHP AAGHQMNGTN
 QHFRDCNPKH SGGSTPGGS GGSSTPGGSG SSSGGGAGSS NSGGGSGSGN
 MPASVAHVPA AMLPPNVIDT DFIDEVLMS LVIEMGLDRI KELPELWLGQ
 NEFDFTDFV CKQQPSRVSC LEHHHHHH

Sequence Similarities Belongs to the CITED family.

Full Length Full L.

GENE INFORMATION

Gene Name [CITED2 Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 \[Homo sapiens \]](#)

Official Symbol [CITED2](#)

Synonyms CITED2; Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2; cbp/p300-interacting transactivator 2; MRG1;

Gene ID [10370](#)

mRNA Refseq [NM_001168388](#)

Protein Refseq [NP_001161860](#)

Uniprot ID [Q99967](#)

Chromosome Location 6q23.3

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Pathway	HIF-1-alpha transcription factor network, organism-specific biosystem; HIF-2-alpha transcription factor network, organism-specific biosystem;
Function	LBD domain binding; chromatin binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity;

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