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: NoneConstituents: 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 HHHPAHRMGM GQFPSPHHHQ QQQPQHAFNA LMGEHIHYGA GNMNATSGIR HAMGPGTVNG GHPPSALAPA ARFNNSQFMG PPVASQGGSL PASMQLQKLN NQYFNHHPYP HNHYMPDLHP AAGHQMNGTN QHFRDCNPKH SGGSSTPGGS GGSSTPGGSG SSSGGGAGSS NSGGGSGSGN MPASVAHVPA AMLPPNVIDT DFIDEEVLMS LVIEMGLDRI KELPELWLGQ NEFDFMTDFV 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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