

Recombinant Human CITED1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CITED1-4778H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CITED1 MS Standard C13 and N15-labeled recombinant protein (NP_004134) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the CREB-binding protein/p300-interacting transactivator with Asp/Glu-rich C-terminal domain (CITED) family of proteins. The encoded protein, also known as melanocyte-specific gene 1, may function as a transcriptional coactivator and may play a role in pigmentation of melanocytes. Alternatively spliced transcript variants have been described.
Molecular Mass	19.9 kDa
AA Sequence	MPTTSRPALDVKGGTSPAKEDANQEMSSVAYSNLAVKDRKAVAILHYPGVASNGTK ASGAPTSSSGSPIGSPTTTPPTKPPSFNLHPAPHLLASMQLQKLNSQYQGMAAATP GQPGEAGPLQNWDFGAQAGGAESLSPSAGAQSPAIDSDPVDEEVLM SLVVELGLD RANELPELWLGQNEFDFTADFPSSCTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CITED1 Cbp/p300 interacting transactivator with Glu/Asp rich carboxy-terminal domain 1 [Homo sapiens (human)]
Official Symbol	CITED1
Synonyms	CITED1; Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 1; MSG1; cbp/p300-interacting transactivator 1; melanocyte-specific gene 1; melanocyte-specific protein 1;
Gene ID	4435
mRNA Refseq	NM_004143
Protein Refseq	NP_004134
MIM	300149
UniProt ID	Q99966

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SDS-PAGE

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