Recombinant Human CITED4 Protein, GST-tagged

Cat. No. CITED4-1388H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CITED4 partial ORF (NP_597724.1, 131 a.a. - 184 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this intronless gene belongs to the CITED family of transcriptional coactivators that bind to several proteins, including CREB-binding protein (CBP) and p300, via a conserved 32 aa C-terminal motif, and regulate gene transcription. This protein also interacts with transcription factor AP2 (TFAP2), and thus may function as a co-activator for TFAP2. Hypermethylation and transcriptional downregulation of this gene has been observed in oligodendroglial tumors with deletions of chromosomal arms 1p and 19q, and associated with longer recurrence-free and overall survival of patients with oligodendroglial tumors. [provided by RefSeq, Aug 2011]
Molecular Mass	31.68 kDa
AA Sequence	GMDAELIDEEALTSLELELGLHRVRELPELFLGQSEFDCFSDLGSAPPAGSVSC
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

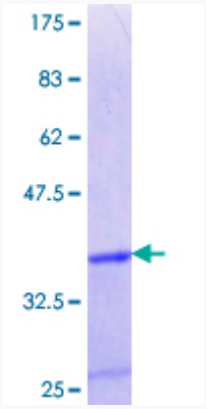
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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CITED4 Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4 [Homo sapiens]
Official Symbol	CITED4
Synonyms	CITED4; Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 4; cbp/p300-interacting transactivator 4; transcriptional co activator 4; MRG-2; MSG1-related protein 2; transcriptional co-activator 4;
Gene ID	163732
mRNA Refseq	NM_133467
Protein Refseq	NP_597724
MIM	606815
UniProt ID	Q96RK1

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Quality Control Testing:	 12.5% SDS-PAGE Stained with Coomassie Blue.

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