



## CITED2 blocking peptide (CDBP5309)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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. [provided by RefSeq, May 2012]
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Used as a blocking peptide in immunoblotting applications.
<b>Format</b>	Liquid
<b>Concentration</b>	200 µg/mL
<b>Size</b>	0.05 mg
<b>Preservative</b>	None
<b>Storage</b>	-20°C

### GENE INFORMATION

<b>Gene Name</b>	<a href="#">CITED2 Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2 [Homo sapiens (human)]</a>
<b>Official Symbol</b>	CITED2
<b>Synonyms</b>	CITED2; Cbp/p300-interacting transactivator, with Glu/Asp-rich carboxy-terminal domain, 2; ASD8; MRG1; VSD2; MRG-1; P35SRJ; cbp/p300-interacting transactivator 2; MSG1-related gene 1; MSG-related protein 1; melanocyte-specific gene 1-related gene 1
<b>Entrez Gene ID</b>	<a href="#">10370</a>

<b>mRNA Refseq</b>	<a href="#">NM_001168388</a>
<b>Protein Refseq</b>	<a href="#">NP_001161860</a>
<b>UniProt ID</b>	Q99967
<b>Pathway</b>	HIF-1-alpha transcription factor network; HIF-2-alpha transcription factor network
<b>Function</b>	LBD domain binding; RNA polymerase II activating transcription factor binding; RNA polymerase II transcription coactivator activity; RNA polymerase II transcription corepressor activity; SMAD binding; chromatin binding; histone acetyltransferase binding; protein binding; sequence-specific DNA binding transcription factor activity; transcription coactivator activity; transcription corepressor activity; transcription corepressor activity