

## EID1 抗原（重组蛋白）

中文名称： EID1 抗原（重组蛋白）

英文名称： EID1 Antigen (Recombinant Protein)

别名： CRI1; EID-1; RBP21; PTD014; C15orf3; PNAS-22; IRO45620

储存： 冷冻（-20℃）

相关类别： 抗原

概述：

Fusion protein corresponding to a region derived from 2-187 amino acids of human EID1

技术规格：

<b>Full name:</b>	EP300 interacting inhibitor of differentiation 1
<b>Synonyms:</b>	CRI1; EID-1; RBP21; PTD014; C15orf3; PNAS-22; IRO45620
<b>Swissprot:</b>	Q9Y6B2
<b>Gene Accession:</b>	NP_055150
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	E1A-like inhibitor of differentiation-1 (EID-1), an acetyltransferase enzyme, binds both the retinoblastoma protein (Rb), a regulator of cell cycle and tissue specific transcription, and the adenovirus E1A-associated cellular p300 transcriptional co-activator protein. EID-1 inhibits cellular differentiation by blocking the histone acetyltransferase activity of p300. EID-1 also acetylates both histones and non-histone proteins such as NCOA3 co-activator. By acetylating histones, EID-1 gives a specific tag for transcriptional activation. In addition to binding Rb and p300, EID-1 also binds to phosphorylated C

REB protein, mediating cAMP gene regulation. EID-1 augments the activity of phosphorylated CREB and activates transcription of cAMP responsive genes as a co-activator.