

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：

Full name:	EP300 interacting inhibitor of differentiation 1
Synonyms:	CRI1; EID-1; RBP21; PTD014; C15orf3; PNAS-22; IRO45620
Swissprot:	Q9Y6B2
Gene Accession:	NP_055150
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	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 histon

es, EID-1 gives a specific tag for transcriptional activation. In addition to binding Rb and p300, EID-1 also binds to phosphorylated CREB protein, mediating cAMP gene regulation. EID-1 augments the activity of phosphorylated CREB and activates transcription of cAMP responsive genes as a co-activator.