

Cyclic AMP-responsive element-binding protein 1

Catalog No: #AP78938



Package Size: #AP78938-1 50ug #AP78938-2 100ug #AP78938-3 1mg

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Description

Product Name	Cyclic AMP-responsive element-binding protein 1
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	Recombinant protein
Other Names	Creb-1
Accession No.	P15337Gene name:Creb1
Uniprot	P15337
GeneID	81646;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Phosphorylation-dependent transcription factor that stimulates transcription upon binding to the DNA cAMP response element (CRE), a sequence present in many viral and cellular promoters. Transcription activation is enhanced by the TORC coactivators which act independently of Ser-117 phosphorylation. Involved in different cellular processes including the synchronization of circadian rhythmicity and the differentiation of adipose cells.

References

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Note: This product is for in vitro research use only