Recombinant human CREG/CREG1 protein

Catalog Number: ATGP1689

PRODUCT INFORMATION

Expression system
E.coli

Domain
32-220aa

UniProt No.
O75629

NCBI Accession No.
NP_003842

Alternative Names
Cellular repressor of E1A-stimulated genes 1, CREG

PRODUCT SPECIFICATION

Molecular Weight
23.6 kDa (213aa) confirmed by MALDI-TOF

Concentration
1mg/ml (determined by Bradford assay)

Formulation
Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
CREG1 both activates and represses gene expression to promote cellular proliferation and inhibit differentiation. This protein antagonizes transcriptional activation and cellular transformation by E1A. It shares limited sequence similarity with E1A and binds both the general transcription factor TBP and the tumor suppressor pRb in vitro. CREG1 may contribute to the transcriptional control of cell growth and differentiation. Recombinant human CREG1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

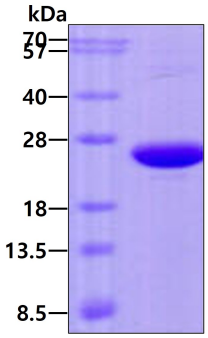
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General References

Wang,N., et al. (2011) Atherosclerosis 218 (2), 543-551
Han,Y.,et al. (2011) J. Mol. Cell. Cardiol. 50 (4), 723-730

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.