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# CREG1 Human

*Cellular Repressor of E1A-Stimulated Genes 1 Human Recombinant RCP0522*

## Product Overview

| | |
|---|---|
| Name | CREG1 Human |

**Description**

Cellular Repressor of E1A-Stimulated Genes 1 Human Recombinant

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|---|---|
| Accession (Primary) | O75629 |

**Synonyms**

Cellular repressor of E1A-stimulated genes 1, protein CREG1, CREG.

**Introduction**

Cellular Repressor of E1A-Stimulated Genes 1 (CREG1) both activates and inhibits gene expression to stimulate cellular proliferation and hinder differentiation. CREG1 antagonizes transcriptional activation and cellular transformation by E1A. CREG1 shares partial sequence similarity with E1A and binds both the general transcription factor TBP and the tumor suppressor pRb in vitro. CREG1 contributes to the transcriptional control of cell growth and differentiation.

**Source**

E.coli.

**Physical Appearance**

Sterile Filtered colorless solution.

**Formulation**

The CREG1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Purity**

Greater than 95% as determined by SDS-PAGE.

**Amino acid sequence**

MGSSHHHHHH SSGLVPRGSH MGSM RGGRDH GDWDEASRLP PLPPREDAAR VARFVTHVSD WGALATISTL EAVRGRPFAD VLSLSDGPPG AGSGVPYFYL SPLQLSVSNL QENPYATLTM TLAQTNFCKK HGFDPQSPLC VHIMLSGTVT KVNETEMDIA KHSLFIRHPE MKTWPSSHNW FFAKLNITNI WVLDYFGGPK IVTPEEYYNV TVQ

**Precautions**

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CREG1 Human is for research use only and not for use in diagnostic or therapeutic procedures.

## Target Information: ( O75629 )