
Product Data Sheet

Product Name: CREG1 Human
 Cat. No.: GP23220
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cellular repressor of E1A-stimulated genes 1; protein CREG1; CREG.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMRGGRDH GDWDEASRLP PLPPREDAAR VARFVTHVSD WGALATISTL EAVRGRPFAD VLSLSDGPPG AGSGVPYFYL SPLQLSVSNL QENPYATLTM TLAQTNFCKK HGFDPQSPLC VHIMLSGTVT KVNETEMDIA KHSLFIRHPE MKTWPSSHNNW FFAKLNITNI WVLDYFGGPK IVTPEEYYNV TVQ		
Formulation	The CREG1 solution (1mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 10% glycerol.		

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.

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.

Background

CREG1 Human Recombinant produced in E. coli is a single polypeptide chain containing 213 amino acids (32-220) and having a molecular mass of 23.6 kDa. CREG1 is fused to a

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24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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