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## Product Data Sheet

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Product Name: CREG1 Mouse

Cat. No.: GP23221

Batch No.: 1

**Product Data**

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Protein CREG1; Cellular repressor of E1A-stimulated genes 1; Creg1; Creg.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMRGGRDH GDWDVDRRLP PLPPREDGPR VARFVTHVSD WGSLATISTI KEVRGWPFAD IISIDGPPG EGTGEPYMYL SPLQQAVSDL QENPEATLTM SLAQTVYCRN HGFDPQSPLC VHIMMSGTVT KVNKTEEDYA RDSLFVRHPE MKHWPSSHNW FFAKLKISRI WVLDYFGGPK VVTPEEYFNV TLQ.		
Formulation	The CREG1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 0.15M NaCl.		

**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 Mouse Recombinant produced in E. coli is a single polypeptide chain containing

**Caution: Product has not been fully validated for medical applications. For research use only.**

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213 amino acids (32-220) and having a molecular mass of 24kDa. CREG1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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