

**CREG1, 32-220aa, Human, His tag, E.coli**

**Cat.NO.: TP01708**

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3th Edition

**Synonyms:**Cellular repressor of E1A-stimulated genes 1, CREG.

**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.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

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

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSMRGGRDHGDWDEASRLPPLPPREDAARVARFVTHVSDWGALATISTLEAV  
RGRPFADVLSLSDGPPGAGSGVPYFYLSPLQLSVSNLQENPYATLTMTLAQTNFCKKHGFDQPQSPLCVHIMLSGTV  
TKVNETEMDIAKHSLFIRHPEMKTWPSSHNWFFAKLNITNIWVLDYFGGPKIVTPEEYYNVTVQ

**Purity:**> 95% by HPLC

**Concentration:**1mg/ml

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.