

Creg1, 32-220aa, Mouse, His tagged, E.coli

Cat.NO.: TP01709

3th Edition

Synonyms: Cellular repressor of E1A-stimulated genes1, AA755314, Creg

Description: Creg1, also known as Cellular repressor of E1A-stimulated genes1, was antagonizes transcriptional activation and cellular transformation by E1A. This protein both activates and represses gene expression to promote cellular proliferation and inhibit differentiation. Creg1 increases EC filopodia formation and vascular assembly via ILK-Cdc42 activation and promotes neovascularization, which might be a therapeutic target for ischemic injury. Recombinant mouse Creg1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl(pH8.0) containing 0.15M NaCl, 10% glycerol

Molecular Weight: 24 kDa (213aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMRGGRDHGDWDVDRRLPPLPPREDGPRVARFVTHVSDWGSLATISTIKEV
RGWPFADIISISDGPPGEGTGEPYMYLSPLQQAVSDLQENPEATLTMSLAQTVYCRNHGFDPQSPLCVHIMMSGTV
TKV NKTEEDYARDSLFVRHPEMKHWPSSHNWFFAKLKISRIWVLDYFGGPKVVTPEEYFNVTLQ

Purity: > 95% by HPLC

Concentration: 1 mg/ml (determined by Absorbance at 280nm)

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.