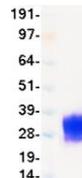


PRODUCT DATASHEET

Catalog No:	EPY37331
Product Name:	Recombinant Human CREG1 secreted glycoprotein
Description:	Recombinant human CREG1 protein expressed from target gene encoding the secreted form (Arg32-Gln220) with a polyhistidine tag at the C-terminus.
Alias or Clone:	CREG
Source:	Expressed and purified from <i>in vitro</i> cell culture of Human 293 cells with serum-free and animal derived component free conditions
Accession No.:	NM_003851.3, NP_003842, UniProtKB#O75629 ; and Entrez Gene ID: 8804
Amino acid Sequence:	RGGRDHGDWDEASRLPPLPPREDAARVARFVTHVSDWGALATISTLEAVRGRPFADVLSLSDGPPGAGSGVPYFYLSPQLSVSNLQENPYATLTMTLAQTNFCKKHGFDQSPLCVHIMLSGTVTKVNETEMDIAKHSLFIRHPEMKTWPSSHNWFFAKLNI TNIWVLDYFGGPKIVTPEEYYNVTVQTRTRPLEDYKDDDDKGSHHHHHH
Purity:	>95% by SDS-PAGE gel and Coomassie Blue staining
Predicted Molecular Weight:	<p>Predicted MW is 23.9 kDa, however, it runs bigger as 25 to 35 kDa on reduced SDS-PAGE gel due to post-translational modification in the expression/secretion in mammalian cells.</p> 
Formulation:	Purified protein formulated in a sterile solution of PBS buffer, pH7.2, without any preservatives
Lot Number:	Please refers to delivered vials for specific lot numbers
Endotoxin:	Endotoxin level is < 0.1 ng/μg of protein (<1EU/μg)
Biological activity:	N/A
Shipping, Storage and Stability:	The product is shipped with dry ice. Upon receipt, unopened vial can be stored at -80°C for over 12 months. Avoid repeated freeze/thaw cycles. Also the product can be aliquoted in the smaller size of working aliquots with the desired buffer and concentration, and stored at or below -20°C stable for 3 to 4 weeks.
Background:	<i>Human Cellular repressor of E1A-stimulated genes 1</i> (CREG) is a secreted glycoprotein that inhibits proliferation and enhances differentiation of human embryonal carcinoma cells. Since both the adenovirus E1A protein and transcriptional activation by E2F function to promote cellular proliferation, it is suggested that CREG activity may contribute to transcriptional control of cell growth and differentiation. Among its related pathways are Innate Immune System and Senescence and Autophagy in Cancer.

FOR RESEARCH LABORATORY TEST USE ONLY!