

32-3591: CRCP Recombinant Protein

Alternative Name : CGRP receptor component protein, CGRP-RCP, RCP, RCP9, Calcitonin gene-related peptide-receptor component protein, RNA polymerase III subunit C9, DNA-directed RNA polymerase III subunit RPC9, HsC17, MGC111194.

Description

Source : E.coli. CRCP Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 168 amino acids (1-148) and having a molecular mass of 19.0 kDa. The CRCP is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. CRCP is a ubiquitous coupling protein for the calcitonin gene-related peptide and adrenomedullin receptors. CRCP controls ligand sensitivity in several tissues and has DNA-directed RNA polymerase activity, catalytic activity and calcitonin receptor activity.

Product Info

Amount : 20 µg

Purification : Greater than 95% as determined by SDS-PAGE.

Content : The CRCP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.

Storage condition : 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.

Amino Acid : MGSSHHHHHH SSGLVPRGSH MEVKDANSAL LSNEYVFQLL TDLKEQRKES GKNKHSSGQQ
NLNTITYETL KYISKTPCRH QSPEIVREFL TALKSHKLTAEKLQLLNHR PVTAVEIQLM
VEESEERLTE EQIEALLHTV TSILPAEPEA EQKKNTNSNV AMDEEDPA

