

## CRCP Human

**Description:**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.

Catalog #:PRPS-926

For research use only.

**Synonyms:**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.

**Source:**E.coli.

**Physical Appearance:**Sterile Filtered colorless solution.

**Amino Acid Sequence:**MGSSHHHHHH SSGLVPRGSH MEVKDANSAL LSNYEVFQLL  
TDLKEQRKES GKNKHSSGQQ NLNTITYETL KYISKTPCRH QSPEIVREFL TALKSHKLTK  
AEKLQLLNHR PVTAVEIQLM VESEERLTE EQIEALLHTV TSILPAEPEA EQKNTNSNV  
AMDEEDPA

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

### Formulation:

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

### 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.

### Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

### Introduction:

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.

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