

Product information

CRCP, 1-148aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP1194

Full name: DNA-directed RNA polymerase III subunit RPC9

NCBI Accession No.: NP_055293

Synonyms: CGRP-RCP, CGRPRCP, MGC111194, RCP, RCP9

Description: CRCP, also known as CGRP-RCP, is an ubiquitous coupling protein for the calcitonin gene-related peptide and adrenomedullin receptors. It modulates ligand responsiveness in a variety of tissues. It has been DNA-directed RNA polymerase activity, catalytic activity and calcitonin receptor activity. Recombinant human CRCP protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography.

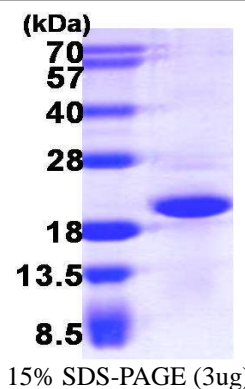
Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol

0.1M NaCl, 1mM DTT

Molecular Weight: 19.0 kDa(168aa), confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



Sequences of amino acids:

MGSSHHHHHH SSSLVPRGSH MEVKDANSAL LSNYEVFQLL TDLKEQRKES GKNKHSSGQQ NLNTITYETL KYISKTPCRH QSPEIVREFL
TALKSHKLT AEKLQLLNHR PVTAVEIQLM VEESEERLTE EQIEALLHTV TSILPAEPEA EQKKNNTNSNV AMDEEDPA

General references:

Evans B.N. *et al.* (2000) *J Biol Chem.* 275: 31438-31443.

Sams A. *et al.* (1999) *Regul. Pept.* 85: 67-75.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.