

Recombinant Human CRCP, His-tagged

Cat. No. CRCP-3633H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human CRCP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography (1-148aa).
Species	Human
Source	Human
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.
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 EQKKNTNSNV AMDEEDPA

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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.

GENE INFORMATION

Gene Name CRCP CGRP receptor component [Homo sapiens]

Official Symbol CRCP

Synonyms CRCP; RCP; RCP9; CGRPRCP; CGRP-RCP; MGC111194; hsC17; HsC17; CGRP receptor component; DNA-directed RNA polymerase III subunit RPC9; OTTHUMP00000159905; OTTHUMP00000210319; OTTHUMP00000210320; OTTHUMP00000210321; RNA polymerase III subunit C9; CGRP-receptor component protein; calcitonin gene-related peptide-receptor component protein

Gene ID 27297

mRNA Refseq NM_001040647

Protein Refseq NP_001035737

MIM 606121

UniProt ID O75575

Chromosome Location 7q11.21

Function DNA-directed RNA polymerase activity; calcitonin gene-related polypeptide receptor activity; calcitonin receptor activity; catalytic activity; nucleotide binding

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