
Product Data Sheet

Product Name: CRCP Human
 Cat. No.: GP23217
 Batch No.: 1

Product Data

Purity	>98%	Source	E.coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MEVKDANSAL LSNYEVFQLL TDLKEQRKES GKNKHSSGQQ NLNTITYETL KYISKTPCRH QSPEIVREFL TALKSHKLTK AEKLQLLNHR PVTAVEIQLM VEESEERLTE EQIEALLHTV TSILPAEPEA EQKKNTNSNV AMDEEDPA		
Formulation	The CRCP solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 20% glycerol.		

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.

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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