

Recombinant Human CRCP 293 Cell Lysate

Cat. No. CRCP-7291HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for CGRP receptor component (CRCP), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

CRCP CGRP receptor component [Homo sapiens]

Official Symbol

CRCP

Synonyms

CRCP; CGRP receptor component; DNA-directed RNA polymerase III subunit RPC9; calcitonin gene related peptide receptor component protein; CGRP RCP; RCP; RCP9; RNA polymerase III subunit C9; CGRP-receptor component protein; calcitonin gene-related peptide-receptor component protein; CGRPRCP; CGRP-RCP; MGC111194;

Gene ID

27297

mRNA Refseq

NM_001040647

Protein Refseq

NP_001035737

MIM

606121

UniProt ID

O75575

**Chromosome
Location**

7q11.1

Pathway

Myometrial Relaxation and Contraction Pathways, organism-specific biosystem;

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Function

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

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