

Product datasheet

Recombinant Human CRCP protein ab111636

1 Image

Description

Product name	Recombinant Human CRCP protein
Purity	> 95 % SDS-PAGE. qb111636 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>O75575</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMEVKDANSALLSNYEVFQ LLTDLKEQRKES GKNKHSSGQQNLNTITYETLKYSKTPCRHQSPENVREFLTA LKSHKLTK AEKLQLLNHRPVTAVEIQLMVEESEERLTEEQIEALLHTVT SILPAEPEA EQKKNTNSNVAMDEEDPA
Predicted molecular weight	19 kDa including tags
Amino acids	1 to 148
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab111636** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	Mass Spectrometry SDS-PAGE
Mass spectrometry	MALDI-TOF
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw
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cycles.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride

General Info

Function

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Specific peripheric component of RNA polymerase III which synthesizes small RNAs, such as 5S rRNA and tRNAs. Plays a key role in sensing and limiting infection by intracellular bacteria and DNA viruses. Acts as nuclear and cytosolic DNA sensor involved in innate immune response. Can sense non-self dsDNA that serves as template for transcription into dsRNA. The non-self RNA polymerase III transcripts induce type I interferon and NF- Kappa-B through the RIG-I pathway.

Accessory protein for the calcitonin gene-related peptide (CGRP) receptor. It modulates CGRP responsiveness in a variety of tissues.

Tissue specificity

Ubiquitous. Most prevalent in testis.

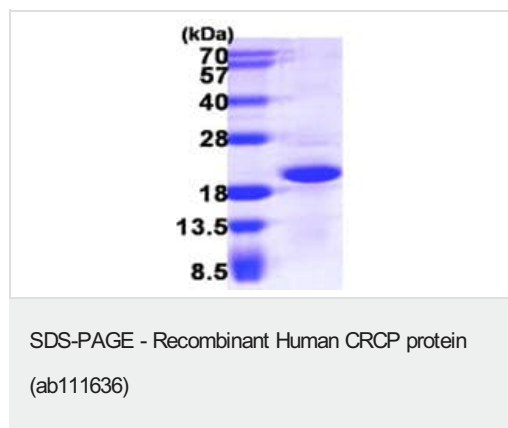
Sequence similarities

Belongs to the eukaryotic RPC9 RNA polymerase subunit family.

Cellular localization

Nucleus. Cell membrane.

Images



15% SDS-PAGE showing ab111636 at approximately 19.0kDa (3µg).

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- We provide support in Chinese, English, French, German, Japanese and Spanish
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