

## Product datasheet

# Recombinant Rat CINC1 protein ab54466

### Description

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<b>Product name</b>	Recombinant Rat CINC1 protein
<b>Purity</b>	> 95 % SDS-PAGE. Purity: > 98% (SDS-PAGE; HPLC).
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Rat

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab54466** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE Functional Studies
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Buffer: None Endotoxin level: < 0.1 ng/µg of CINC1.
<b>Reconstitution</b>	The lyophilized rat CINC1 is soluble in water and most aqueous buffers. The lyophilized powder should be reconstituted in water to a concentration of 100µg/ml. This solution can be diluted into water or other buffered solutions.

### General Info

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<b>Relevance</b>	Rat CINC1 (Cytokine Induced Neutrophil Chemoattractant 1) is a member of the CXC subfamily of chemokines which also includes three other rat CXC chemokines (CINC2 alpha, CINC2 beta,
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CINC3/MIP2). CINC1 shares 63 % to 67 % amino acid sequence identity with the other rat CINC. Based on their sequence homology, it has been suggested that CINC is the rat counterpart of the human GRO. Rat CINC, potent neutrophil attractants and activators, have an important role in the infiltration of neutrophils into inflammatory sites in rats.

**Cellular localization**

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

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- Replacement or refund for products not performing as stated on the datasheet
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- We provide support in Chinese, English, French, German, Japanese and Spanish
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