

Datasheet for ABIN1046663

**CCL14 Protein (AA 25-82, partial) (GST tag)****1** Image**3** Publications[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	CCL14
Protein Characteristics:	AA 25-82, partial
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL14 protein is labelled with GST tag.
Application:	ELISA

## Product Details

Sequence:	GPYGANMEDS VCCRDYVRYR LPLRVVKHFY WTSDSCPRPG VLLTFRDKE ICADPRVP
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	90 %

## Target Details

Target:	CCL14
Alternative Name:	C-C motif chemokine 14 protein ( <a href="#">CCL14 Products</a> )
Background:	Has weak activities on human monocytes and acts via receptors that also recognize MIP-1 alpha. It induced intracellular Ca <sup>2+</sup> changes and enzyme release, but no chemotaxis, at concentrations of 100-1,000 nM, and was inactive on T-lymphocytes, neutrophils, and

## Target Details

eosinophil leukocytes. Enhances the proliferation of CD34 myeloid progenitor cells. The processed form HCC-1(9-74) is a chemotactic factor that attracts monocytes eosinophils, and T-cells and is a ligand for CCR1, CCR3 and CCR5.

Molecular Weight: 34.1 kD

UniProt: [O00626](#)

## Application Details

**Comment:** The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

**Concentration:** 0.2-2 mg/mL

**Buffer:** Tris-based buffer, 50 % glycerol

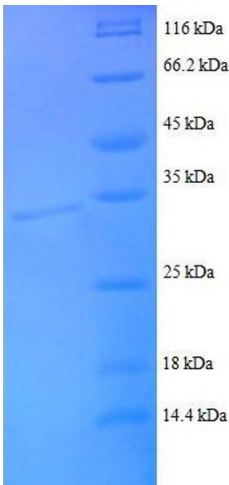
**Handling Advice:** Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

**Storage:** -20 °C

**Storage Comment:** Store at -20 °C for extended storage, conserve at -20 °C or -80 °C

## Publications

**Product cited in:** Hartter, Khalafpour, Missbichler, Hawa, Woloszczuk: "Enzyme immunoassays for fragments (epitopes) of human proatrial natriuretic peptides." in: **Clinical chemistry and laboratory medicine : CCLM / FESCC**, Vol. 38, Issue 1, pp. 27-32, (2000) ([PubMed](#)).



**SDS-PAGE**

**Image 1.** Chemokine (C-C Motif) Ligand 14 (CCL14) (AA 25-82), (partial) protein (GST tag)