

HCC-1 (CCL14) Active Protein | HCC-1 active protein

Recombinant Human HCC-1 (CCL14)

CATALOG #
AAA214225

HOST
E Coli

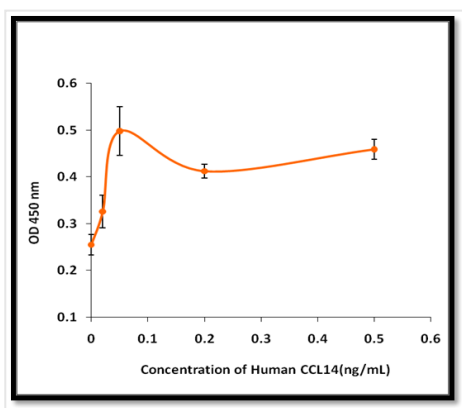
PRODUCT SYNONYMS

HCC-1 (CCL14); Recombinant Human HCC-1 (CCL14); C-C motif chemokine 14; Chemokine CC-1; HCC1; HCC-3; HCC-1(1-74); NCC-2; Small-inducible cytokine A14; CCL14; NCC2; SCYA14; HCC-1 active protein

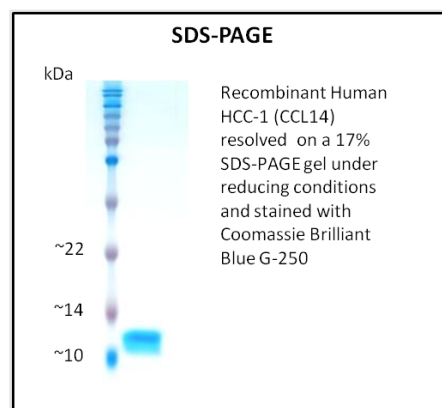
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% as determined by SDS-PAGE
Form/Format	Lyophilized from a 0.2 um filtered 20 mM PB,100 mM NaCl solution pH 7.5.
Sequence Length	93
Bioactivity	Determined by its ability to chemoattract human monocytes using a concentration range of 2-40 ng/mL.
Endotoxin Level	<1.0 EU/ug of recombinant protein as determined by the LAL method.
Reconstitution	A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.
Preparation and Storage	The lyophilized protein is stable for at least one year from date of receipt at -70 degree C. Upon reconstitution, this cytokine can be stored in working aliquots at 2-8 degree C for one month, or at -20 degree C for six months, with a carrier protein without detectable loss of activity. Avoid repeated freeze/thaw cycles.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for HCC-1 active protein	Hemofiltrate C-C chemokine (HCC)-1 is a recently described monocyte chemoattractant. CCL14 (also known as HCC-1) belongs to the CC chemokine family. Its mature propeptide is a low-affinity agonist of CCR1 that is converted to a high-affinity agonist of CCR1 and CCR5 on proteolytic processing by serine proteases. Determination of the amino acid sequence of HCC-1 revealed four cysteine residues in positions characteristic of the C-C chemokine family, and comparison with the sequences of other chemokines revealed that HCC-1 was most homologous to MIP-1a. However, several functional properties of HCC-1 were atypical of chemokines. Unlike other chemokines, HCC-1 was expressed constitutively in a number of tissues and was present at high concentrations in normal human plasma. In addition, HCC-1 was reported not to be chemotactic for leukocytes.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	14589961
NCBI GeneID	6358
NCBI Accession #	NP_116739.1
NCBI GenBank Nucleotide #	NP_116739.1
UniProt Accession #	Q16627
Molecular Weight	9.0 kDa
NCBI Official Full Name	C-C motif chemokine 14 isoform 1
NCBI Official Synonym Full Names	C-C motif chemokine ligand 14
NCBI Official Symbol	CCL14
NCBI Official Synonym Symbols	CC-1; CC-3; CKB1; MCIF; NCC2; SY14; HCC-1; HCC-3; NCC-2; SCYL2; SCYA14; HCC-1(1-74); HCC-1/HCC-3
NCBI Protein Information	C-C motif chemokine 14
UniProt Protein Name	C-C motif chemokine 14
UniProt Gene Name	CCL14
UniProt Synonym Gene Names	NCC2; SCYA14; HCC-1/HCC-3
UniProt Entry Name	CCL14_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/hcc-1-ccl14/214225>