

HCC-2 (CCL15) Active Protein | HCC-2 active protein

Recombinant Human HCC-2 (CCL15)

CATALOG #
AAA214226

HOST
E Coli

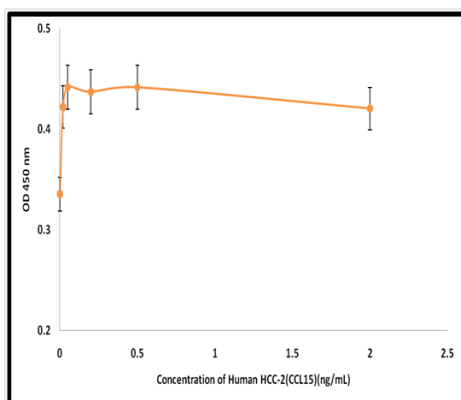
PRODUCT SYNONYMS

HCC-2 (CCL15); Recombinant Human HCC-2 (CCL15); Macrophage Inflammatory Protein-5; MIP-5; HCC2; Chemokine CC-2; CCL15; Leukotactin-1; Lkn-1; MIP-1 delta; Mrp-2b; NCC-3; Small-inducible cytokine A15; MIP5; NCC3; SCYA15; HCC-2 active protein

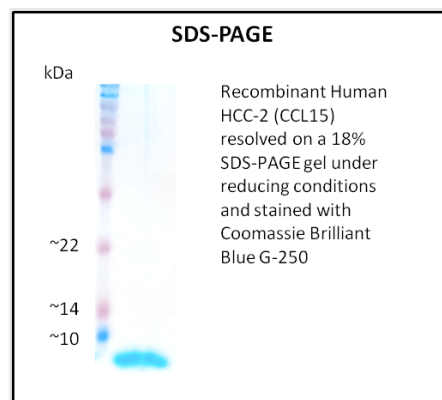
PRODUCT SPECIFICATIONS

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	113
Bioactivity	The ED(50) was determined by the dose-dependent proliferation of human umbilical vein endothelial cells and was found to be <0.05ng/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-2 active protein	CCL15 is a human chemokine which acts predominantly on chemokine receptor CCR1 and to a lesser degree on CCR3. It is a potent chemoattractant for monocytes and lymphocytes in vitro and, after i.p. application, CCL15 induces recruitment neutrophils, monocytes, and lymphocytes into mouse peritoneum. CCL15 is constitutively expressed in the gut and in the liver and was identified to circulate in human plasma. The N-terminus of CCL15 was found to be important to exert its full biological activity. HCC-2 shares significant sequence homology with CKb8 and the murine chemokines C10, CCF18/MRP-2, and macrophage inflammatory protein 1g, which all contain six instead of four conserved cysteines.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	597709818
NCBI GeneID	6359
NCBI Accession #	NP_116741.2
NCBI GenBank Nucleotide #	NP_116741.2
UniProt Accession #	Q16663
Molecular Weight	10.0 kDa
NCBI Official Full Name	C-C motif chemokine 15 preproprotein
NCBI Official Synonym Full Names	C-C motif chemokine ligand 15
NCBI Official Symbol	CCL15
NCBI Official Synonym Symbols	LKN1; NCC3; SY15; HCC-2; LKN-1; MIP-5; NCC-3; SCYL3; MIP-1D; MRP-2B; SCYA15; HMRP-2B; MIP-1 delta
NCBI Protein Information	C-C motif chemokine 15
UniProt Protein Name	C-C motif chemokine 15
UniProt Gene Name	CCL15
UniProt Synonym Gene Names	MIP5; NCC3; SCYA15; HCC-2; LKN-1; MIP-5
UniProt Entry Name	CCL15_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.