

## Overview

<b>Synonyms</b>	Ckbeta 8-1/CCL23, Human
<b>Description</b>	Chemokine (C-C motif) ligand 23 (CCL23) is a small cytokine belonging to the CC chemokine family that is also known as Macrophage inflammatory protein 3 (MIP-3) and Myeloid progenitor inhibitory factor 1 (MPIF-1). CCL23 is predominantly expressed in lung and liver tissue, but is also found in bone marrow and placenta. CCL23 is highly chemotactic for resting T cells and monocytes and slightly chemotactic for neutrophils. It has also been attributed to an inhibitory activity on hematopoietic progenitor cells. CCL23 is a ligand for the chemokine receptor CCR1. Recombinant <b>human Ck beta 8-1/CCL23</b> produced in CHO cells is a single polypeptide chain containing 92 amino acids. A fully biologically active molecule, rhCk beta 8-1/CCL23 has a molecular mass of 10.5 kDa analyzed by reducing SDS-PAGE and is obtained by chromatographic techniques.
<b>Accession No</b>	AAC63327
<b>Species</b>	Human
<b>Source</b>	CHO
<b>Biological Activity</b>	The EC <sub>50</sub> value of human Ck beta 8-1/CCL23 on Ca <sup>2+</sup> mobilization assay in CHO-K1/Ga15/hCCR1 cells (human Ga15 and human CCR1 stably expressed in CHO-K1 cells) is less than 0.4 µg/ml.
<b>Sequence</b>	MLWRRKIGPQ MTLSHAAGFH ATSADCCISY TPRSIPCSLL ESYFETNSEC SKPGVIFLTK KGRRFCANPS DKQVQVCVRM LKLDTRIKTR KN

## Properties

<b>Measured Molecular Weight</b>	10.5 kDa, observed by reducing SDS-PAGE.
<b>Purity</b>	> 98% as analyzed by SDS-PAGE.
<b>Formulation</b>	Lyophilized after extensive dialysis against PBS.
<b>Reconstitution</b>	Reconstituted in ddH <sub>2</sub> O or PBS at 100 µg/ml.
<b>Endotoxin Level</b>	< 0.2 EU/µg, determined by LAL method.
<b>Storage</b>	Lyophilized recombinant <b>human Ck beta 8-1/CCL23</b> remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, human Ck beta 8-1/CCL23 should be stable up to 1 week at 4°C or up to 2 months at -20°C.
<b>Note</b>	For research use only

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