

## Datasheet for ABIN7320488 **CCL8 Protein (His tag)**



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### Overview

Quantity:	50 µg
Target:	CCL8
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL8 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Mouse CCL8/MCP-2 Protein (His Tag)
Sequence:	Glu20-Pro97
Characteristics:	Recombinant Mouse C-C motif Chemokine 8 is produced by our Mammalian expression system and the target gene encoding Glu20-Pro97 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CCL8
Alternative Name:	CCL8/MCP-2 ( <a href="#">CCL8 Products</a> )
Background:	Background: Chemokine ligand 8 (CCL8,MCP-2), is a small secreted cytokine which belongs to the intercrine beta (chemokine CC) family. CCL8 Chemotactic factor attracts monocytes. It can

## Target Details

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bind heparin.CCL8 functions to activate different immune cells, including mast cells, eosinophils and basophils which are involved in allergic responses, monocytes, and T cells and NK cells which are involved in the inflammatory response. Its ability achieves by binding to different cell surface receptors termed chemokine receptors including CCR1, CCR2B and CCR5. It has been reported that CCL8 is a potent inhibitor of HIV-1 by virtue of its binding to CCR5 which is one of the major co-receptors for HIV-1.

Synonym: C-C motif chemokine 8,Ccl8,Monocyte chemoattractant protein 2,Monocyte chemotactic protein 2,MCP-2,Small-inducible cytokine A8,Mcp2, Scya8

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Molecular Weight: 9.8 kDa

UniProt: [Q9Z121](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM Hac-NaC,150 mM NaCl, pH 4.0.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.