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## Datasheet for ABIN1880695 CCL8 Protein (AA 24-99) (His tag)

### Overview

Quantity:	50 µg
Target:	CCL8
Protein Characteristics:	AA 24-99
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CCL8 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human C-C Motif Chemokine 8/CCL8/MCP-2 (C-6His)
Sequence:	QPDSVSIPIT CCFNVINRKI PIQRLESYTR ITNIQCPKEA VIFKTQRGKE VCADPKERWV RDSMKHLDQI FQNLKPDVHH HHHH
Characteristics:	Recombinant Human C-C Motif Chemokine 8/CCL8 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln24-Pro99) of Human CCL8 fused with a polyhistidine tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

### Target Details

Target:	CCL8
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## Target Details

Alternative Name:	C-C Motif Chemokine 8/CCL8 ( <a href="#">CCL8 Products</a> )
Sub Type:	Fusionprotein
Background:	<p>Human Chemokine (C-C Motif) Ligand 8 (CCL8) is produced by human MG63 osteosarcoma cells. CCL8 shares 62% and 58% amino acid sequence identity with MCP-1 and MCP-3, respectively. All three MCP proteins are monocyte chemoattractants. CCL8 is chemotactic for and activates many different immune cells, including mast cells, eosinophils and basophils, which are implicated in allergic response, and monocytes, T cells, and NK cells that are involved in the inflammatory response. CCL8 elicits its effects by binding to several different cell surface receptors including CCR1, CCR2B and CCR5.</p> <p>Alternative Names: C-C Motif Chemokine 8, HC14, Monocyte Chemoattractant Protein 2, Monocyte Chemotactic Protein 2, MCP-2, Small-Inducible Cytokine A8, CCL8, MCP2, SCYA10, SCYA8</p>
Molecular Weight:	9.95 kDa
UniProt:	<a href="#">P80075</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH<sub>2</sub>O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, 1 mM EDTA, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
Expiry Date:	3 months