PRODUCT INFORMATION

Target	CCL8
Synonyms	C-C Motif Chemokine 8;HC14;Monocyte Chemoattractant Protein 2;Monocyte Chemotactic Protein 2;MCP-2;Small-Inducible Cytokine A8;CCL8;MCP2;SCYA10;SCYA8
Description	Recombinant Human C-C Motif Chemokine 8 is produced by our Mammalian expression system and the target gene encoding Gln24-Pro99 is expressed with a 6His tag at the C-terminus.
Delivery	In Stock
Uniprot ID	AAI26243.1
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	Not available
Molecular Weight	9.95 KDa
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Formulation & Reconstitution	Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, 1mM EDTA, pH 7.4.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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.
Usage	Research use only
Conjugate	Unconjugated

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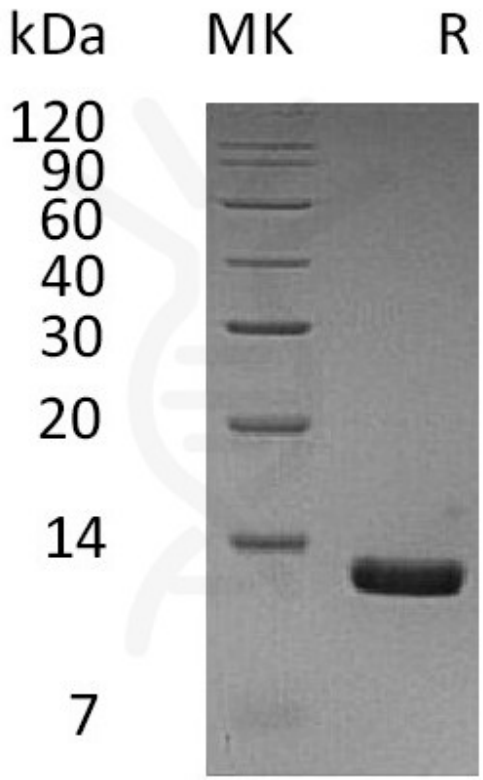


Figure 1. Greater than 95% as determined by reducing SDS-PAGE.

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