

Recombinant Canine Monocyte Chemotactic Protein-2/CCL8 (Canine MCP-2/CCL8)

Product Information

Product Name	Cat#	Size
Recombinant Canine Monocyte Chemotactic Protein-2/CCL8 (Canine MCP-2/CCL8)	90995ES08	5 µg
	90995ES60	100 µg
	90995ES76	500 µg

Product Description

MCP-2 and MCP-3 are two monocyte chemotactic proteins produced by human MG-63 osteosarcoma cells. Both MCP-2 and MCP-3 are members of the C-C family of chemokines and share 62% and 71% amino acid sequence identity, respectively, with MCP-1. MCP-3 also shares 58% amino acid identity with MCP-2.

Product Properties

Synonyms	CCL8
Accession	Q68AY9
GeneID	448792
Source	E.coli-derived Canine CCL8 protein,Gln24--Pro99.
Molecular Weight	Approximately 8.8 kDa
AA Sequence	QPDSVSIPIT CCFSMVKRKI PMQKLESYMR ITNSQCPQEA VIFKTKASRE ICADPKQKWV QDYMNHLDQK SQAQKP
Tag	None
Physical Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Purity	> 98% by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using human peripheral blood monocytes is in a concentration range of 10-100 ng/ml.
Endotoxin	<0.1 EU/µg of protein as determined by LAL method.
Formulation	Lyophilized from a 0.2 µm filtered concentrated solution in PBS, pH 7.4. We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom.
Reconstitution	Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20°C. Further dilutions should be made in appropriate buffered solutions.

Shipping and Storage

The products are shipped with ice pack and can be stored at -20°C to -80°C for 1 year.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

Cautions

1. Avoid repeated freeze-thaw cycles.

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2. For your safety and health, please wear lab coats and disposable gloves for operation.
3. For research use only.