

Datasheet: PMP33

Description:	RECOMBINANT MOUSE MCP-5
Name:	MCP-5
Other names:	CCL12
Format:	Rec. Protein
Product Type:	Recombinant Protein
Quantity:	20 µg

Product Details

Applications This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.abdserotec.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA			■	
Functional Assays	■			50ng/ml

Where this protein has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate positive/negative controls.

Target Species	Mouse
Species Cross Reactivity	Reacts with: Human N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified recombinant protein - lyophilised
Reconstitution	Reconstitute with 20 ul distilled water
Note	Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Serotec recommend that the vial is gently mixed after reconstitution.
Preparation	Recombinant protein expressed in <i>E.coli</i>
Preservative Stabilisers	None present
Endotoxin Level	0.1ng/mg
Approx. Protein Concentrations	1.0 mg/ml
External Database Links	UniProt: Q62401 CCL12_MOUSE Related reagents Entrez Gene: 20293 Ccl12 Related reagents
Synonyms	Mcp5, Scya12
Product Information	Murine macrophage/monocyte chemotactic protein-5 (MCP-5) is a member of the beta-chemokine family. MCP-5 is strongly chemotactic for human monocytes and mouse peritoneal macrophages.

Protein Molecular Weight	9.2kD (82 amino acid sequence)
Purity	>99% by SDS PAGE
References	1. Molica, F. <i>et al.</i> (2012) The cannabinoid receptor CB2 protects against balloon-induced neointima formation. Am J Physiol Heart Circ Physiol. Jan 6. [Epub ahead of print]
Storage	Prior to reconstitution store at +4°C. Following reconstitution store at -20°C. This product should be stored undiluted. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	3 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet Documentation #10268 available at: http://www.abdserotec.com/uploads/MSDS/10268.pdf
Regulatory	For research purposes only

North & South America Tel: +1 800 265 7376 **Worldwide**
 Fax: +1 919 878 3751
 Email: sales.us@abdserotec.com

Tel: +44 1865 852 700 **Europe**
 Fax: +44 1865 852 739
 Email: sales@abdserotec.com

Tel: 00800 2255 4223
 Fax: 00800 2329 2223
 Email: sales.eu@abdserotec.com

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