

Product datasheet

Recombinant Dog MCP1 protein ab169727

Description

Product name	Recombinant Dog MCP1 protein	
Purity	> 95 % SDS-PAGE. Ion Exchange Chromatography	
Expression system	Yeast	
Accession	P52203	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Dog	
Sequence	QPDAISPVT CCYLTNKKI SIQLASYKR VTSSKCPKEA VIFKTVLNKE ICADPKQKWV QDSMAHLDKK SQTQTAKP	
Predicted molecular weight	9 kDa	
Amino acids	24 to 101	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab169727** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C. Constituents: 90% PBS, 10% Trehalose
Reconstitution	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein. Store in working aliquots at -20°C. Avoid repeated freeze/thaw cycles.

General Info

Function	Chemotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils.
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Augments monocyte anti-tumor activity. Has been implicated in the pathogenesis of diseases characterized by monocytic infiltrates, like psoriasis, rheumatoid arthritis or atherosclerosis. May be involved in the recruitment of monocytes into the arterial wall during the disease process of atherosclerosis.

Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

Post-translational modifications

Processing at the N-terminus can regulate receptor and target cell selectivity. Deletion of the N-terminal residue converts it from an activator of basophil to an eosinophil chemoattractant.

Cellular localization

Secreted.

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