

Product datasheet

Synthetic Mouse MCP1 protein (Biotin) (Animal Free) ab176032

Description

Product name	Synthetic Mouse MCP1 protein (Biotin) (Animal Free)	
Expression system	Synthetic	
Accession	P10148	
Protein length	Protein fragment	
Animal free	Yes	
Nature	Synthetic	
Species	Mouse	
Sequence	Pyr-PDAVNA PLTCCYSFTS KMIPMSRLES YKRITSSRCP KEAVVFVTKL KREVCADPKK EWVQTYIKNL DRNQMRK(Linker-Cys-Biotin)	
Predicted molecular weight	9 kDa	
Amino acids	25 to 96	
Conjugation	Biotin	
Description	Synthetic Mouse MCP1 protein (Biotin)	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab176032** in the following tested applications.

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

Applications	HPLC
Form	Lyophilized
Additional notes	Biotin incorporated at indicated site in a molar ratio of biotin:peptide of 1:1.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle. Lyophilized from water/acetonitrile/TFA to generate the TFA salt form.
Reconstitution	It is recommended vials be centrifuged prior to opening. Water can be used to prepare stock solutions of 20 µmol/L. Stock solutions with up to 30% DMSO/water can also be prepared.

General Info

Function	Chemotactic factor that attracts monocytes and basophils but not neutrophils or eosinophils. 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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