

Recombinant mouse CCL28/MEC protein ab201426

Description

Product name	Recombinant mouse CCL28/MEC protein
Biological activity	Fully biologically active when compared to standard. Determined by its ability to chemoattract murine lymphocytes using a concentration range of 1.0-10.0 ng/ml.
Purity	> 97 % SDS-PAGE. > 97 % by HPLC analysis
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>Q9JIL2</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	SEAILPMASSCCTEVSHHVSGRLLERVSSCSIQRADGDC DLAAVILHVKR RRICISPHNRTLKQWMRASEVKKNGRENVCSGKKQPSRK DRKGHTTRKHR TRGTHRHEASR
Predicted molecular weight	13 kDa
Amino acids	20 to 130
Additional sequence information	A single, non-glycosylated polypeptide chain containing 111 amino acids.

Specifications

Our **Abpromise guarantee** covers the use of **ab201426** 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 Functional Studies HPLC
Form	Lyophilized
Additional notes	This product was previously labelled as CCL28

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle.

pH: 7.40

Constituents: 99% Phosphate Buffer, 0.87% Sodium chloride

Lyophilized from a 0.2 µM filtered solution.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

Reconstitution

Briefly centrifuge prior to opening to bring the contents to the bottom. 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.

General Info

Function

Chemotactic activity for resting CD4, CD8 T-cells and eosinophils. Binds to CCR3 and CCR10 and induces calcium mobilization in a dose-dependent manner.

Tissue specificity

Preferentially expressed by epithelial cells of diverse tissues including normal and pathological colon, salivary gland, mammary gland, trachea and rectum. Also found in prostate, spleen, thyroid, psoriasis skin and in lower levels in peripheral blood leukocytes, small intestine, Peyer patches, stomach and normal skin.

Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

Cellular localization

Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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