

Recombinant mouse Eotaxin protein ab201417

Description

Product name	Recombinant mouse Eotaxin protein
Biological activity	Fully biologically active when compared to standard. The biological activity determined by a chemotaxis bioassay using purified eosinophils is in a concentration range of 100-1000 ng/ml.
Purity	> 96 % SDS-PAGE. > 96 % by HPLC analysis
Expression system	Escherichia coli
Accession	<u>P48298</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	HPGSIPTSCCFIMTSKKIPNTLLKSYKRITNNRCTLKAVFKT RLGKEIC ADPKKKWVQDATKHLDQKLQTPKP
Predicted molecular weight	8 kDa
Amino acids	24 to 97
Additional sequence information	This product is for the mature full length protein. The signal peptide is not included. A single non-glycosylated polypeptide chain.

Specifications

Our **Abpromise guarantee** covers the use of **ab201417** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE HPLC
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. pH: 7.40
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Constituent: 100% PBS

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

In response to the presence of allergens, this protein directly promotes the accumulation of eosinophils, a prominent feature of allergic inflammatory reactions. Binds to CCR3.

Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

Post-translational modifications

O-linked glycan consists of a Gal-GalNAc disaccharide which is modified with up to 2 sialic acid residues.

Cellular localization

Secreted.

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

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