

Product datasheet

Recombinant mouse IL-17F protein (Animal Free) ab207953

1 图像

描述

产品名称	重组小鼠IL-17F蛋白(Animal Free)	
生物活性	The activity is determined by the dose-dependant induction of IL-6 in NIH 3T3 cells and is typically 35-50 ng/mL. This corresponds to an expected specific activity of 2.8 x 10 ⁴ units/mg.	
纯度	> 95 % SDS-PAGE.	
内毒素水平	< 0.050 Eu/μg	
表达系统	Escherichia coli	
Accession	<u>Q7TNI7</u>	
蛋白长度	Full length protein	
无动物成分	Yes	
性质	Recombinant	
种属	Mouse	
序列	MRKNPKAGVP ALQKAGNCPD LEDNTRVVDI RIFNQNGIS VPREFQNRSS SPWDYNITRD PHRFPSEIAE AQCRHSGCIN AQGQEDSTMN SVAIQQEILV LRREPQGCSN SFRLEKMLLK VGCTCVKPIV HQAA	
预测分子量	30 kDa	
氨基酸	29 to 161	
额外的序列信息	This product is for the mature full length protein. The signal peptide is not included.	

技术指标

Our **Abpromise guarantee** covers the use of **ab207953** in the following tested applications.

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

应用	SDS-PAGE
	Functional Studies
形式	Lyophilized

制备和贮存

稳定性和存储

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

Constituent: 0.1% Trifluoroacetic acid

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

复溶

Reconstitute with sterile water to 0.1 mg/mL. Centrifuge vial before opening. Suspend the product by gently pipetting down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. Dilute to working aliquots in a 0.1% BSA solution.

常规信息

功能

Ligand for IL17RA and IL17RC (PubMed:17911633). The heterodimer formed by IL17A and IL17F is a ligand for the heterodimeric complex formed by IL17RA and IL17RC (PubMed:18684971). Involved in stimulating the production of other cytokines such as IL6, IL8 and CSF2, and in regulation of cartilage matrix turnover (PubMed:11591732, PubMed:11591768, PubMed:11574464). Also involved in stimulating the proliferation of peripheral blood mononuclear cells and T-cells and in inhibition of angiogenesis (PubMed:11591732). Plays a role in the induction of neutrophilia in the lungs and in the exacerbation of antigen-induced pulmonary allergic inflammation.

组织特异性

Expressed in activated, but not resting, CD4+ T-cells and activated monocytes.

疾病相关

Candidiasis, familial, 6

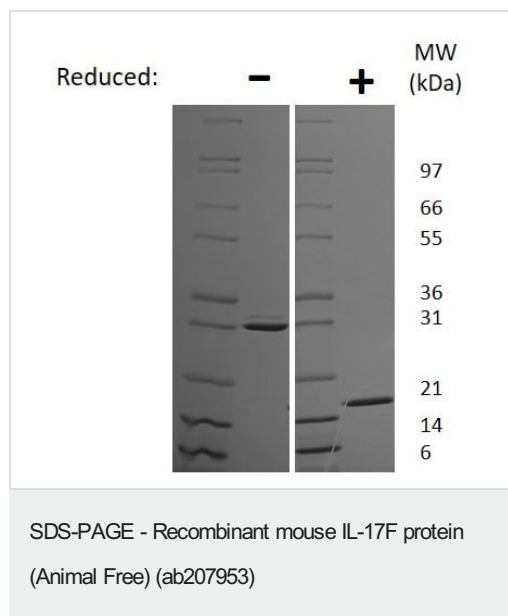
序列相似性

Belongs to the IL-17 family.

细胞定位

Secreted.

图片



SDS PAGE analysis of ab207953 under non-reducing (-) and reducing (+) conditions. Stained with Coomassie Blue.

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

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