

Product datasheet

Recombinant mouse IL-17A protein (Active) ab256042

2 Images

Description

Product name	Recombinant mouse IL-17A protein (Active)	
Biological activity	Production of IL-6 by mouse NIH/3T3 cells: ≤ 5 ng/mL; $\geq 2.0 \times 10^5$ units/mg	
Purity	> 95 % SDS-PAGE.	
Endotoxin level	< 1.000 Eu/ μ g	
Expression system	Escherichia coli	
Accession	Q62386	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	MAAIIPQSSACPNTAEKDFLQNVKVNLIKVFNSLGAKVSSR RPSDYLNIRST SPWTLHRNEDPDRYPSVIWEAQCRHQRCVNAEGKLDHH MNSVLIQQEILV LKREPESCPFTFRVEKMLVGVGCTCVASIVRQAA	
Predicted molecular weight	15 kDa	
Amino acids	26 to 158	
Additional sequence information	Full-length mature chain lacking the signal peptide.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab256042** 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
Form	Lyophilized

Preparation and Storage

Stability and Storage

Shipped at Room Temperature. Store at -20°C. Avoid freeze / thaw cycle.

Constituent: 0.1% Trifluoroacetic acid

0.2 micron filtered

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

Reconstitution

Reconstitute in sterile water at 0.1 mg/ml. Centrifuge vial before opening. Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX.

Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws.

General Info

Function

Induces stromal cells to produce proinflammatory and hematopoietic cytokines. Enhances the surface expression of the intracellular adhesion molecule-1 (ICAM-1) in fibroblasts.

Tissue specificity

Restricted to activated memory T-cells.

Sequence similarities

Belongs to the IL-17 family.

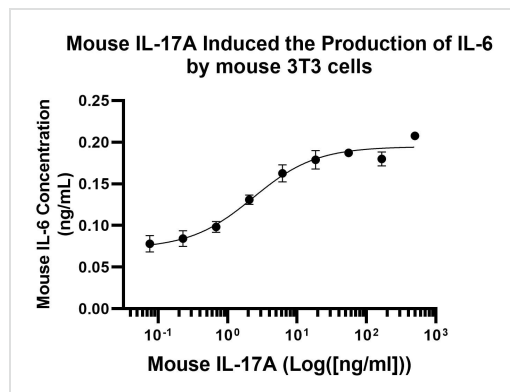
Post-translational modifications

Found both in glycosylated and nonglycosylated forms.

Cellular localization

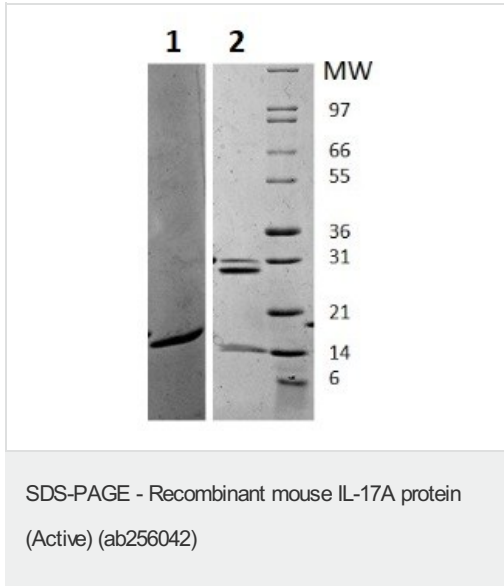
Secreted.

Images



Production of IL-6 by mouse NIH/3T3 cells: ≤ 5 ng/mL; $\geq 2.0 \times 10^5$ units/mg.

Functional Studies - Recombinant mouse IL-17A protein (Active) (ab256042)



SDS-PAGE analysis of ab256042 (1 µg) under reducing (Lane 1) and non-reducing (Lane 2) conditions. [ab256040](#) is a homodimer predicted to have a MW of 30.2 kDa.

4-20% Tris-Glycine gel. Coomassie Blue staining.

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

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