

Product datasheet

Recombinant mouse IL-17A protein ab204761

Description

Product name	Recombinant mouse IL-17A protein	
Biological activity	Measured by its ability to induce IL-6 production by NIH3T3 cells.	
Purity	> 95 % SDS-PAGE. & HPLC analyses.	
Endotoxin level	< 1.000 Eu/µg	
Expression system	Escherichia coli	
Accession	Q62386	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Mouse	
Sequence	AAIIPQSSACPNTTEAKDFLQNVKVNLIKVFNSLGAKVSSRR PSDYLNKST PWTLHRNEDPDRYPSVWEAQCRHQRCVNAEGKLDHMM NSVLIQQEILVL KREPESCPFTFRVEKMLVGVGCTCVASIVRQAA	
Predicted molecular weight	30 kDa	
Amino acids	26 to 158	
Additional sequence information	Mature form of IL17A without signal peptide. Disulphide-linked homodimer.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab204761** 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
Additional notes	ab204761 is a 30.0 kDa disulfide-linked homodimer of two 133 amino acid polypeptide chains.

Preparation and Storage

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Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituent: PBS This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. This solution can be stored at 2-8°C for up to 1 week. For extended storage, it is recommended to further dilute in a buffer (e.g. PBS) containing a carrier protein (example 0.1% BSA) and store in working aliquots at -20°C to -80°C.

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.

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

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