

## IL-17A Protein, Mouse (CHO)

Cat. No.:	HY-P7372
Synonyms:	rMuIL-17A; CTLA-8; IL-17A
Species:	Mouse
Source:	CHO
Accession:	Q62386 (A26-A158)
Gene ID:	16171
Molecular Weight:	15-22 kDa

### PROPERTIES

AA Sequence	<p>           A A I I P Q S S A C    P N T E A K D F L Q    N V K V N L K V F N    S L G A K V S S R R            P S D Y L N R S T S    P W T L H R N E D P    D R Y P S V I W E A    Q C R H Q R C V N A            E G K L D H H M N S    V L I Q Q E I L V L    K R E P E S C P F T    F R V E K M L V G V            G C T C V A S I V R    Q A A         </p>
Biological Activity	Full biological activity determined by its ability to induce IL-1a, IL-4 and IL-6 production by primary mouse splenocytes.
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against PBS.
Endotoxin Level	<0.2 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH <sub>2</sub> O or PBS.
Storage & Stability	Stored at -20°C. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	IL-17A plays important roles in both innate and acquired immunity and is, especially, involved in the accumulation of polymorphonuclear neutrophil leukocytes. IL-17A mediates crucial crosstalk between the immune system and various epithelial tissues, initiating a series of defensive mechanisms against bacterial and fungal infections <sup>[1]</sup> .
------------	---

### REFERENCES

---

[1]. Hu X, et al. Neutralization of Interleukin-17A Attenuates Lipopolysaccharide-Induced Mastitis by Inhibiting Neutrophil Infiltration and the Inflammatory Response. J Interferon Cytokine Res. 2019 Jul 16.

---

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA