

Interleukin-17A, 26-158aa, Mouse, His tag, Insect cell

Cat.NO.: TP02678

3th Edition

Synonyms:IL17A, Ctla-8, Ctla8, IL-17, IL-17A, Il17

Description:IL17A, also known as Interleukin-17A, plays an important role in anti-microbial and chronic inflammation. Mature human IL17A shares 60% amino acid sequence identity with mouse and rat IL17A. It promotes protective mucosal and epidermal inflammation in response to microbial infection and induces chemokine production, neutrophil influx, and the production of antibacterial peptides. Recombinant mouse IL17A, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:16.0kDa (141aa), 13.5-18KDa (SDS-PAGE under reducing conditions.)

Sequences:

AAIIPQSSACPNTAKDFLQNVKVNKVFNSLGAKVSSRRPSDYLNKSTSPWTLHRNEDPDRYPSVIWEAQCRHQR
CVNAEGKLDHMMNSVLIQQEILVLKREPESCPFTFRVEKMLVGVGCTCVASIVRQAALAEHHHHHH

Purity:> 95% by HPLC

Concentration:0.5mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.