

RP01121

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Recombinant Mouse IL-17A Protein

Catalog No.: RP01121

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Mouse	16171	Q62386

Tags

C-6×His

Synonyms

Il17;Ctla8;IL-17;Ctla-8;IL-17A;IL-17A

Product Information

Source	Purification
Mammalian	> 95% by SDS-PAGE.

Endotoxin

< 1.0 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

Reconstitution

Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

This protein is a pro-inflammatory cytokine that is a member of the interleukin-17 family. The encoded protein plays a central role in host defense against diverse pathogens. The encoded protein is produced by activated T-cells and certain cell types of innate immune system. The active protein functions as either a homodimer with other interleukin-17 family members and signals through the interleukin-17 receptor to induce inflammatory cytokine production. Aberrant expression of this gene is associated with autoimmune diseases including rheumatoid arthritis, psoriasis and multiple sclerosis.

Basic Information

Description

Recombinant Mouse IL-17A Protein is produced by Mammalian expression system. The target protein is expressed with sequence (Thr22-Ala158) of mouse IL-17A (Accession #Q62386) fused with a 6×His tag at the C-terminus.

Bio-Activity

Storage

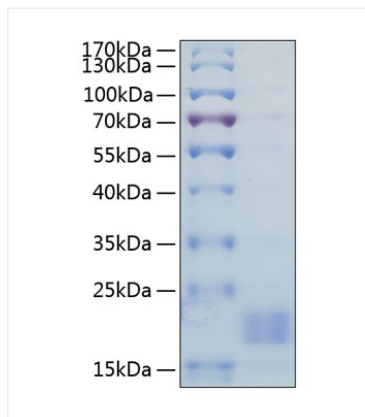
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Mouse IL-17A Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 17-26 kDa.