

## Active Recombinant Marmoset IL17A protein

Cat. No. IL17A-425M    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Marmoset IL17A protein(ABQ09496.1)(Ile20-Ala155) was expressed in E. coli.
<b>Species</b>	Marmoset
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ile20-Ala155
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	1. Measured by its binding ability in a functional ELISA. Immobilized Marmoset IL17A at 10 µg/mL (100 µl/well) can bind human IL17Ra, The EC50 of human IL17Ra is 8.5-20.0 ng/mL. 2. Measured by its ability to induce IL-6 secretion by NIH-3T3 mouse embryonic fibroblast cells in the presense of 20 ng/mL TNFα. The ED50 for this effect is 0.5-2.5 ng/mL.
<b>Molecular Mass</b>	The recombinant Marmoset IL17A consists of 135 amino acids and has a calculated molecular mass of 15.4 kDa. It migrates as an 17 kDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 85 % as determined by SDS-PAGE

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**Storage**

Samples are stable for up to twelve months from date of receipt at -20°C to -80°C  
Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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