

Active Recombinant Marmoset IL17A protein

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

SPECIFICATION

Product Overview	Recombinant Marmoset IL17A protein(ABQ09496.1)(Ile20-Ala155) was expressed in E. coli.
Species	Marmoset
Source	E.coli
ProteinLength	Ile20-Ala155
Form	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.
Bio-activity	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.
Molecular Mass	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.
Purity	> 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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