

Active Recombinant Marmoset IL12B protein(Met1-Asn328), hFc-tagged

Cat. No. IL12B-1381M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Marmoset IL12B (F71Q84) (Met1-Asn328) was expressed in HEK293 with the Fc region of human IgG1 at the C-terminus.
Species	Marmoset
Source	HEK293
ProteinLength	Met1-Asn328
Form	Lyophilized from sterile PBS, pH 7.4. 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. 2. Immobilized marmoset IL12B-Fc at 10 µg/mL (100 µL/well) can bind biotinylated Human IL12RB1-His. The EC50 of Human IL12RB1-His is 0.66-1.53 µg/mL.
Molecular Mass	The recombinant marmoset IL12B is a disulfide-linked homodimer. The reduced monomer comprises 547 amino acids and has a calculated molecular mass of 61.9 KDa. The apparent molecular mass of the protein is approximately 66 KDa in SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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.

GENE INFORMATION

Official Symbol

IL12B

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