

Active Recombinant Human IL12A/IL27B protein, Fc-tagged

Cat. No. IL35-12H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL35 complex composed of IL27B subunit(NP_005746.2) (Met 1-Lys 229) and the mature form of human IL12 p35 subunit (P29459) (Arg 23-Ser 219) linked by a polypeptide linker was expressed in HEK293, fused with the Fc region of human IgG1 at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-229 aa&23-219 aa
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its ability to bind biotinylated human IL6RB-Fch in a functional ELISA.
Molecular Mass	The recombinant human IL35/Fc is a disulfide-linked homodimeric protein. The reduced monomer consists of 645 amino acids and has a predicted molecular mass of 73.4 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of rhIL35/Fc monomer is approximately 90-100 kDa due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 85 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities 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

IL12A; IL27B

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