

Active Recombinant Human IL11 protein, His-Avi-tagged, Biotinylated

Cat. No. IL11-1582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL11 protein(Pro22-Leu199), fused with His and Avi tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-199 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, 0.5 M Arginine, pH7.4.
Bio-activity	Immobilized Biotinylated Human IL-11, His,Avitag at 1 µg/mL (100 µL/well) on streptavidin precoated (0.5. µg/well) plate can bind Human IL-11 R alpha, Fc Tag with a linear range of 0.4-13 ng/mL.
Molecular Mass	This protein carries a polyhistidine tag at the N-terminus, followed by an Avi tag (Avitag™).The protein has a calculated MW of 22.7 kDa. The protein migrates as 25-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Pro22-Leu199
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by SDS-PAGE. >90% as determined by SEC-MALS.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage For long term, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

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.

Conjugation Biotin

GENE INFORMATION

Gene Name [IL11 interleukin 11 \[Homo sapiens \]](#)

Official Symbol [IL11](#)

Synonyms IL11; interleukin 11; interleukin-11; adipogenesis inhibitory factor; AGIF; IL 11; oprelvekin; IL-11;

Gene ID [3589](#)

mRNA Refseq [NM_000641](#)

Protein Refseq [NP_000632](#)

MIM [147681](#)

UniProt ID [P20809](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA