

Recombinant Human IL11 protein(Pro22-Leu199)

Cat. No. IL11-464H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL11 (AAH12506.1) (Pro22-Leu199) was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	22-199 a.a.
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	Measured in a cell proliferation assay using T1165 mouse plasmacytoma cells. The ED50 for this effect is typically 1-8 ng/mL.
Molecular Mass	The recombinant human IL11 consists of 178 amino acids and predicts a molecular mass of 19.1 KDa. It migrates as an approximately 23 KDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
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

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

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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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

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