

Active Recombinant Human IL11 protein

Cat. No. IL11-2597H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL-11 Protein is produced by E. coli expression system. The target protein is expressed with sequence (Pro22-Leu199) of human IL-11 (Accession #NP_000632.1) fused with an initial Met at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Pro22-Leu199
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured in a cell proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect is 1.3-5 ng/mL.
Molecular Mass	21 kDa
Endotoxin	< 1.0 EU/µg of the protein by LAL method.
Purity	> 97% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

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Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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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