

Active GMP Recombinant Human IL11 protein

Cat. No. IL11-121HG Lot. No. (See product label)

SPECIFICATION

Product Overview	GMP Recombinant Human IL11 protein(NP_000632)(184 aa), fused with His Tag at the C-terminal, was expressed in HEK293 cell in an animal component free process under cGMP guidelines.
Species	Human
Source	HEK293
ProteinLength	DNA sequence encoding Human IL-11(NP_000632.1) was expressed with His tag at the C-terminal.
Bio-activity	$\geq 5 \times 10^5$ IU/mg
Molecular Mass	Recombinant Human IL-11 contains 184 aa. It has a predicted MW of 20 kDa.
Endotoxin	≤ 0.02 EU/ug
Purity	$\geq 95\%$ by SDS-PAGE and HPLC
Storage	The lyophilized preparation can be stored at 4°C for 24 months, and the dissolved liquid can be stored at -20°C for 6-12 months to avoid repeated freezing and thawing
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.

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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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