

IL-11/ AGIF, Human, Recombinant

货号 : PCK170

产品信息

别名	Interleukin-11; IL-11; Adipogenesis Inhibitory Factor; AGIF; Oprelvekin; IL11
物种	Human
表达宿主	Yeast
序列信息	Gly23-Leu199
检索号	P20809
分子量	19 kDa

产品特性

纯度	>95% as determined by reducing SDS-PAGE.
内毒素	< 1.0 EU per µg as determined by LAL test.
保存	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
运输	Ambient temperature or ice pack.
制剂	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 2% Glycine, pH 7.2.



复融

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Interleukin 11 (IL-11) is a member of a family of human Growth Factors that includes human growth hormone, granulocyte colony-stimulating factor, and other Growth Factors. IL-11 is a thrombopoietic Growth Factor that directly stimulates the proliferation of hematopoietic stem cells and megakaryocyte progenitor cells and induces megakaryocyte maturation resulting in increased platelet production. It also promotes the proliferation of hepatocytes in response to liver damage. Binding to its Receptor formed by IL6ST and either IL11RA1 or IL11RA2, It activates a signaling cascade that promotes cell proliferation. The signaling leads to the activation of intracellular Protein kinases and the phosphorylation of STAT3.

SDS-PAGE

