

IL-11/AGIF, Human, Recombinant

货号 : PCK361

产品信息

别名	AGIF (Adipogenesis Inhibitory Factor)
物种	Human
表达宿主	E.coli
序列信息	PGPPPGPPRVSPDPRAELDSTVLLTRSLLADTRQLAAQLRDKFPADGDHNL DSLPTLAMSGALGALQLPGVLTRLRADLLSYLRHVQWLRRAGGSSLKTL EPELGTLQARLDRLRLQLLMSRLALPQPPDPPAPPLAPPSSAWGGIRAA HAILGGLHLTLDWAVRGLLLLKTRL with polyhistidine tag at the N-terminus.
检索号	P20809.1
分子量	19.95 kDa
标签	His-tag at the N-terminus
生物活性	Measure by its ability to induce T11 cells proliferation. The ED50 for this effect is <0.2 ng/mL. The specific activity of recombinant human IL-11 is approximately >1 x 10 ⁷ IU/ mg.

产品特性

纯度	>98% as determined by SDS-PAGE. Ni-NTA chromatography
内毒素	<0.1 EU per 1 µg of the protein by the LAL method.
保存	Lyophilized protein should be stored at -5~-20°C for 1 year. Upon reconstitution, store at 2-8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1% BSA, 10% FBS, 5% HSA or 5% trehalose solution), protein aliquots should be stored at -5~-20°C or -80°C for 3-6 months.
运输	Ambient temperature or ice pack.
制剂	The protein was lyophilized from a 0.2 µm filtered solution containing 1X PBS, pH 8.0.



复融

It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 100 µg/mL. Do Not Vortex! Vigorous shaking may impair the biological activity of the protein.

背景介绍

IL-11 is a cytokine and first isolated in 1990 from bone marrow-derived fibrocyte-like stromal cells. It was initially thought to be important for hematopoiesis, notably for megakaryocyte maturation, but subsequently shown to be redundant for platelets, and for other blood cell types, in both mice and humans. It is also known under the names adipogenesis inhibitory factor (AGIF) and was developed as a recombinant protein (rhIL-11) as the drug substance oprelvekin.

SDS-PAGE

