

IL-15/IL-T, Human, Recombinant**Cat. No. : GPCK049****产品信息**

物种	Human
表达宿主	E.coli
序列信息	NWVNVISDLKKIEDLIQSMHIDATLYTESDVHPSCKVTAMKCFLELQVISLESGDASIHD TVE NLIILANNSLSSNGNVTESGCKECEEELEEKNIKEFLQSFVHIVQMFIN TSLE with polyhistidine tag at the N-terminus.
检索号	P40933.1
标签	His-tag at the N-terminus
分子量	13.7 kDa
有效期	12 months
生物活性	Measure by its ability to induce NK cells proliferation. The ED50 for this effect is < 3 pg/mL. The specific activity of recombinant human IL-15 is approximately > 5 × 10 ⁹ IU/mg.

产品特性

内毒素 (EU/μg)	< 0.1
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 1 × PBS, pH 8.0.
复溶	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

Interleukin-15 (IL-15) is a cytokine with structural similarity to Interleukin-2 (IL-2). Like IL-2, IL-15 binds to and signals through a complex composed of IL-2/IL-15 receptor beta chain (CD122) and the common gamma chain (gamma-C, CD132). IL-15 is secreted by mononuclear phagocytes (and some other cells) following infection by virus(es). This cytokine induces cell proliferation of natural killer cells; cells of the innate immune system whose principal role is to kill virally infected cells.

