

IL-15RA/CD215 (C-Fc), Mouse, Recombinant**Cat. No. : GPCK242****产品信息**

物种	Mouse
表达宿主	Human Cells
序列信息	Gly33-Lys205
检索号	Q60819
标签	C-Fc
分子量	45.5 kDa
有效期	12 months
生物活性	Measured by its ability to block human IL-15-induced proliferation of CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 0.5-2 ng/mL.

产品特性

内毒素 (EU/μg)	< 0.1
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 20 mM PB, 150 mM NaCl, pH 7.4.
复溶	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 sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

背景介绍

Mouse Interleukin-15 Receptor subunit alpha, also known as IL15ra, is a high-affinity Receptor for Interleukin-15. IL15ra associates as a heterotrimer with the IL-2 Receptor beta and gamma subunits (Common gamma chain, or gamma c) to initiate signal transduction. It can signal both in cis and trans where IL15R from one subset of cells presents IL15 to neighboring IL2RG-expressing cells. IL15ra is expressed in special cells including a wide variety of T and B cells and non-lymphoid cells. Human IL15ra shares 45% amino acid sequence homology with the mouse form of the Receptor. Eight isoforms of IL-15 R alpha mRNA have been identified, resulting from alternative splicing events involving different exons.

