

**IL-4Rα/CD124 (C-mFc), Human, Recombinant****Cat. No. : GPCK198****产品信息**

物种	Human
表达宿主	Human Cells
序列信息	Met26-Gln231
检索号	P24394
分子量	50.2 kDa
有效期	12 months
生物活性	Loaded Human IL-4-His on HIS1K Biosensor, can bind Human IL-4RA-mFc with an affinity constant of 0.12 nM as determined in BLI assay.

**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 PBS, 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**

Interleukin 4 Receptor alpha (IL4-Rα) is a widely expressed 140 kDa transmembrane glyco Protein in the class I Cytokine Receptor family. Mature human IL4-Rα consists of a 207 amino acid (aa) extracellular domain (ECD) that contains a Cytokine binding region and one fibronectin type III domain, a 24 aa transmembrane segment, and a 569 aa cytoplasmic domain that contains one Box 1 Motif and one ITIM Motif. IL4-Rα plays an important role in Th2-biased immune responses, alternative macrophage activation, mucosal immunity, allergic inflammation, tumor progression, and atherogenesis. Soluble forms of IL4-Rα, generated by alternate splicing or proteolysis, retain Ligand binding properties and inhibit IL-4 bioactivity.

