

IL-4Ra (C-6His), Cynomolgus, Recombinant

货号 : PCK104

产品信息

别名	Interleukin-4 Receptor subunit alpha; IL-4R-alpha; CD124; IL4-BP; Soluble IL-4R-alpha
物种	Cynomolgus
表达宿主	Human Cells
序列信息	Met26-Arg232
检索号	G7Q0S7
分子量	24.6 kDa
生物活性	Measured by its ability to inhibit IL-4-dependent proliferation of TF-1 human erythroleukemic cells. The ED50 for this effect is 2.38ng/ml.

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 PBS, pH7.4.



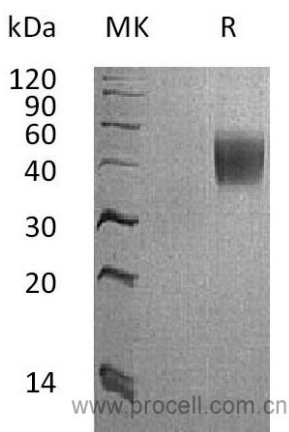
复融

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.

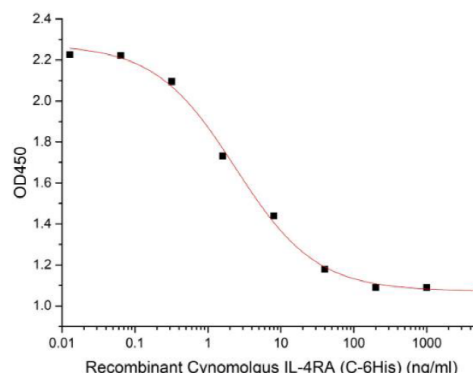
背景介绍

Interleukin-4 Receptor subunit alpha (IL-4RA), also known as Soluble IL-4 Receptor subunit alpha, belongs to the type I Cytokine Receptor family and type 4 subfamily. It is expressed in both Th1 and Th2 cells. It functions as a Receptor for both Interleukin 4 and Interleukin 13 and couples to the JAK1/2/3-STAT6 pathway. The IL-4 response is involved in promoting Th2 differentiation. The IL-4/IL-13 responses are involved in regulating IgE production and Chemokine and mucus production at sites of allergic inflammation. In certain cell types, IL-4RA can signal through activation of insulin Receptor substrates, IRS1/IRS2. The functional IL-4 Receptor is formed by initial binding of IL-4 to IL-4R. Subsequently it recruits to the complex of the common gamma chain. In immune cells, IL-4RA creates a type I Receptor. In non-immune cells, it forms a type II Receptor with IL-13RA1. IL-4R can also interact with the IL-13/IL-13RA1 complex to form a similar type II Receptor and interacts with the SH2-containing phosphatases, PTPN6/SHIP1, PTPN11/SHIP2 and INPP5D/SHIP.

SDS-PAGE



生物活性



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