9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-9610: Recombinant Human Interleukin-3 Receptor Subunit Alpha/IL-3RA/CD123 (C-Fc)(Discontinued)

Alternative Name : Interleukin-3 receptor subunit alpha; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha; IL-3RA

Description

Source : Human Cells;
CD123, also known as Interleukin-3 receptor subunit alpha, belongs to the type I cytokine receptor family. In mouse, there are two classes of high-affinity IL3 receptors. One contains an IL3-specific beta subunit and the other contains the beta subunit also shared by high-affinity IL5 and GM-CSF receptors. CD123 stimulates the proliferation and differentiation of hemopoietic cells including the pluripotent hematopoietic stem cells as well as various lineage committed cells. CD123 is a heterodimer consisting of an alpha and a beta subunit. The alpha subunit alone binds IL-3 with low affinity. The beta subunit does not bind IL-3 by itself but is required for the high affinity binding of IL-3 to the heterodimeric receptor complex.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Amino Acid : Recombinant Human Interleukin-3 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Thr19-Arg305 is expressed with a Fc tag at the C-terminus.