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32-9140: Recombinant Human IL-3R alpha/CD123(C-hFc)

Alternative Name : Interleukin-3 receptor subunit alpha; IL-3 receptor subunit alpha; IL-3R subunit alpha; IL-3R-alpha;IL-3RA; IL3RA;CD123

Description

Source : Human 293 Cells;
CD123, also known as Interleukin-3 receptor subunit alpha, is a glycoprotein that belongs to the type I cytokine receptor family. CD123 is a heterodimer with 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. CD123 induces the proliferation and differentiation of hemopoietic cells including the pluripotent hematopoietic stem cells as well as a variety of lineage-committed cells. CD123 has been identified as a potential immunotherapeutic target due to its overexpression in AML compared with normal hematopoietic stem cells.

Product Info

Amount : 500 µg / 50 µg

Content : Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4

Amino Acid : Recombinant Human Interleukin-3 Receptor Subunit Alpha is produced by our Mammalian expression systemand the target gene encoding Lys20-Arg305 is expressed with a Fc tag at the C-terminus.