

32-8603: Recombinant Human IL-15 Receptor Subunit α /IL-15RA/CD215 (C-Fc)

Gene : IL15RA
Gene ID : 3601
Uniprot ID : Q13261

Description

Source: Human Cells.
MW :45.5kD.

Recombinant Human Interleukin-15 receptor alpha is produced by our Mammalian expression system and the target gene encoding Ile31-Thr205 is expressed with a Fc tag at the C-terminus. Interleukin 15 Receptor alpha (IL-15R alpha) is a transmembrane glycoprotein that plays a pleiotropic role in immune development and function, including the positive maintenance of lymphocyte homeostasis. IL-15R alpha chain can bind soluble IL-15 and "transpresent" cytokine to the cells, allowing them to respond to IL-15. Soluble IL-15R alpha can function as a specific high-affinity IL-15 antagonist. The soluble IL-15/IL-15R alpha complexes exhibit a strong agonistic activity which is mediated through membrane-bound IL-15 receptor beta and gamma heterodimers and enables signaling to cells.

Product Info

Amount : 10 μ g / 50 μ g
Content : Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Storage condition : Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid : ITCPPMSVEHADIWVKSYSLSRERYICNSGFKRKAGTSSLTECVLNKATNVAHWTTPSLKCIRDPALVHQRPA
PPSTVTTAGVTPQPESLSPSGKEPAASSPSSNNTAATTAIVPGSQLMPSKSPSTGTTEISSHESSHGTPSQTTA
KNWELTASASHQPPGVYPQGHSDTTVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISR
TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKA
LPAPIEKTKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDG
SFFLYSKLTVDKSRWQQGNVFCFSVMHEALHNHYTQKLSLSLSPGK

Application Note

Endotoxin : Less than 0.1 ng/ μ g (1 IEU/ μ g) as determined by LAL test.