IL-15RA/CD215 (C-Fc), Human, Recombinant

Cat. No. : PCK149

General Information

Synonyms	CD215;IL15RA;CD215 antigen;IL-15 Receptor subunit alpha;IL-15RA;IL-15R-alpha; Interleukin 15 Receptor;alpha;Interleukin-15 Receptor subunit alpha;MGC104179
Species	Human
Expression host	Human Cells
Sequence	Ile31-Thr172
Accession	Q13261-3
Tag	C-Fc
Mol mass	42.2 kDa
Expiration date	12 months
Bio activity	Measured by its ability to block human IL-15-induced proliferation of CTLL-2 mouse cytotoxic T cells. The ED50 for this effect is 0.35-3.5 ng/mL.

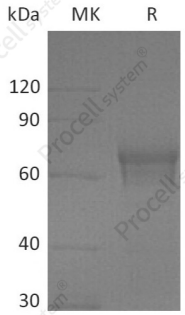
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	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.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Reconstitution	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.

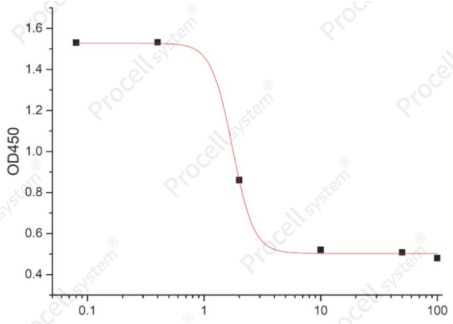
Background

Interleukin 15 Receptor alpha (IL-15Rα) is a transmembrane glyco Protein that plays a pleiotropic role in immune development and function, including the positive maintenance of lymphocyte homeostasis. IL-15Rα chain can bind soluble IL-15 and "transpresent" Cytokine to the cells, allowing them to respond to IL-15. Soluble IL-15Rα can function as a specific high-affinity IL-15 antagonist. The soluble IL-15/IL-15Rα complexes exhibit a strong agonistic activity which is mediated through membrane-bound IL-15 Receptor β and γ heterodimers and enables signaling to cells.

SDS-PAGE



Bio activity



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