

Product Name: Recombinant Human IL-15RA (C-Fc)
Catalog #: PHH0871

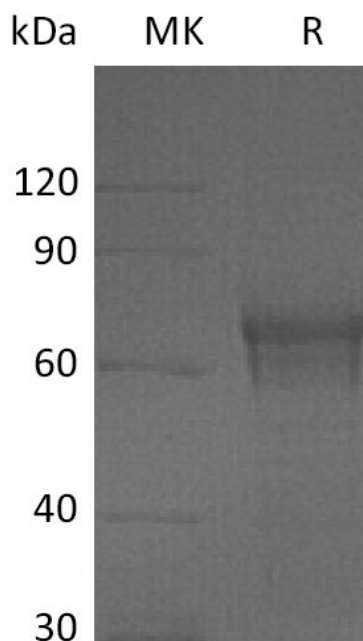


Summary

Name	IL-15 R alpha/IL-15R α /IL-15RA/Interleukin-15 receptor subunit alpha
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/ μ g as determined by LAL test.
Construction	Recombinant Human Interleukin-15 Receptor Subunit Alpha is produced by our Mammalian expression system and the target gene encoding Ile31-Thr172 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q13261-3
Host	Human Cells
Species	Human
Predicted Molecular Mass	42.2 KDa
Formulation	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at $\leq -20^{\circ}\text{C}$, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8 $^{\circ}\text{C}$ for 2-7 days. Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 3 months.
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 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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Alternative Names

CD215; IL15RA; CD215 antigen; IL-15 receptor subunit alpha; IL-15RA; IL-15R-alpha; interleukin 15 receptor; alpha; interleukin-15 receptor subunit alpha; MGC104179

Background

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

Note

For Research Use Only , Not for Diagnostic Use.