

Active Recombinant Human IL15RA protein, Fc/His-tagged

Cat. No. IL15RA-530H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL15RA(Ile31 - Thr172) fused with Fc of Human IgG1 and His tag at C-terminal was expressed in Insect cells.
Species	Human
Source	Insect Cells
ProteinLength	31-172 a.a.
Predicted N Terminal	Ile31
Form	Lyophilized from a 0.2 µm filtered solution in PBS.
Bio-activity	The ED50 for this effect is typically 0.005-0.015 g/mL.
Molecular Mass	Predicted Molecular Mass: 42.6 (monomer) kDa;SDS-PAGE: 60-70 kDa, reducing conditions.
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles.12 months from date of receipt, -20 to -70 centigrade as supplied.1 month, 2 to 8 centigrade under sterile conditions after reconstitution.3 months, -20 to -70 centigrade under sterile conditions after

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reconstitution.

Reconstitution Reconstitute at 100 µg/mL in sterile PBS.

GENE INFORMATION

Gene Name IL15RA interleukin 15 receptor, alpha [Homo sapiens]

Official Symbol IL15RA

Synonyms IL15RA; interleukin 15 receptor, alpha; interleukin-15 receptor subunit alpha; CD215; IL 15RA; MGC104179;

Gene ID 3601

mRNA Refseq NM_001243539

Protein Refseq NP_001230468

MIM 601070

UniProt ID Q13261

Chromosome Location 10p15.1

Pathway Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; HTLV-I infection, organism-specific biosystem; HTLV-I infection, conserved biosystem; Intestinal immune network for IgA production, organism-specific biosystem; Intestinal immune network for IgA production, conserved biosystem; Jak-STAT signaling pathway, organism-specific

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biosystem;

Function

cytokine receptor activity; protein binding; receptor activity; signal transducer activity;

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