

Active Recombinant Human IL2RB, MlgG2a Fc-tagged

Cat. No. IL2RB-700H Lot. No. (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-2RB(AAH25691.1)(Ala27-Asp239) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell.
Species	Human
Source	CHO
ProteinLength	27-239 a.a.
Description	IL2RB (interleukin 2 receptor, beta) is a protein-coding gene. Diseases associated with IL2RB include occipital neuralgia, and granulomatous orchitis, and among its related super-pathways are STAT3 Pathway and IL2-mediated signaling events. GO annotations related to this gene include interleukin-2 receptor activity and interleukin-2 binding.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Receptor for interleukin-2. This beta subunit is involved in receptor mediated endocytosis and transduces the mitogenic signals of IL2.
Molecular Mass	51KDa (monomer)
AA Sequence	Ala27-Asp239
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" lal="" test=""="">

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Purity	>98%, by SDS-PAGE under reducing conditions.
Stability	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL2RB interleukin 2 receptor, beta [Homo sapiens]
Official Symbol	IL2RB
Synonyms	IL2RB; interleukin 2 receptor, beta; IL15RB, interleukin 15 receptor, beta; interleukin-2 receptor subunit beta; CD122; p75; IL-2RB; CD122 antigen; IL-2R subunit beta; IL-2 receptor subunit beta; interleukin 15 receptor, beta; high affinity IL-2 receptor beta subunit; high affinity IL-2 receptor subunit beta; IL15RB; P70-75;
Gene ID	3560
mRNA Refseq	NM_000878
Protein Refseq	NP_000869
MIM	146710
UniProt ID	P14784
Chromosome	22q13

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Location**Pathway**

Cytokine Signaling in Immune system, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Downstream signaling in naive CD8+ T cells, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; HTLV-I infection, organism-specific biosystem;

Function

interleukin-2 binding; interleukin-2 receptor activity; contributes_to interleukin-2 receptor activity; receptor activity;

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