

Active Recombinant Human IL2RB

Cat. No. IL2RB-624H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL2RB (Accession # NP_000869) Ala27-Asp239 was produced in Spodoptera frugiperda, Sf 21 (baculovirus)-derived.
Species	Human
Source	Sf21 Cells
ProteinLength	27-239 a.a.
Predicted N Terminal	Ala27
Form	Lyophilized from a 0.2 µ filtered solution in PBS with BSA as a carrier protein.
Bio-activity	Measured by its ability to inhibit the IL-15-dependent proliferation of MO7e human megakaryocytic leukemic cells. The ED50 for this effect is typically 1.0 - 3.0 µg/mL in the presence of 4.0 ng/mL of recombinant human IL-15.
Molecular Mass	Recombinant Human IL2RB has a calculated MW of 24.8 kDa. In SDS-PAGE migrates as 29 kDa and 31 kDa, reducing conditions.
Purity	>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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Reconstitution Reconstitute at 50 µg/mL in sterile PBS containing at least 0.1% human or bovine serum albumin.

GENE INFORMATION

Gene Name [PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme \[Homo sapiens \]](#)

Official Symbol PPP3CA

Synonyms PPP3CA; protein phosphatase 3, catalytic subunit, alpha isozyme; CALN, CALNA, protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform , protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha); serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CNA1; PPP2B; protein phosphatase 2B; catalytic subunit; alpha isoform; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform; CALN; CCN1; CALNA; CALNA1;

Gene ID [5530](#)

mRNA Refseq [NM_000944](#)

Protein Refseq [NP_000935](#)

MIM [114105](#)

UniProt ID Q08209

Chromosome Location 4q24

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