

Recombinant Mouse Il2rb protein, His-tagged

Cat. No. Il2rb-483M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Il2rb protein(P16297-1)(Ala 27 - Glu 240), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	Ala 27 - Glu 240
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Mouse IL-2 R beta, His Tag immobilized on CM5 Chip can bind Mouse IL-2, His Tag with an affinity constant of 8.45 µM as determined in a SPR assay (Biacore 8K).
Molecular Mass	Mouse IL-2 R beta, His Tag (Cat. No. ILA-M52H5) immobilized on CM5 Chip can bind Mouse IL-2, His Tag (Cat. No. IL2-M52H3) with an affinity constant of 8.45 µM as determined in a SPR assay (Biacore 8K) (Routinely tested).
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term storage, the product should be stored at lyophilized state at -20°C or lower. Please avoid repeated freeze-thaw cycles.

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This product is stable after storage at:
 -20°C to -70°C for 12 months in lyophilized state;
 -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [IL2rb interleukin 2 receptor, beta chain \[Mus musculus \]](#)

Official Symbol [IL2rb](#)

Synonyms

IL2RB; interleukin 2 receptor, beta chain; interleukin-2 receptor subunit beta; IL-2RB; p70-75; IL-2R subunit beta; IL-2/15 receptor-beta; IL-2 receptor beta chain; IL-15 receptor beta chain; IL-2 receptor subunit beta; high affinity IL-2 receptor subunit beta; p70; CD122; IL15Rbeta; IL-2Rbeta; IL-15Rbeta; IL-2/15Rbeta; MGC118674;

Gene ID [16185](#)

mRNA Refseq [NM_008368](#)

Protein Refseq [NP_032394](#)

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