

## Recombinant Mouse Il2rb protein, His-tagged

Cat. No. IL2rb-483M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Il2rb protein(P16297-1)(Ala 27 - Glu 240), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Ala 27 - Glu 240
<b>Form</b>	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
<b>Bio-activity</b>	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).
<b>Molecular Mass</b>	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).
<b>Endotoxin</b>	Less than 1.0 EU per µg by the LAL method.
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Storage</b>	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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