

## Product datasheet for **TP724797**

### IL2rb Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse IL-2RB /CD122 (C-hFc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ala27-Glu240
Tag:	C-hFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Mouse Interleukin-2 Receptor subunit beta is produced by our Mammalian expression system and the target gene encoding Ala27-Glu240 is expressed with a hFc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	16185
UniProt ID:	<a href="#">P16297</a>
Summary:	IL-2RB, also known as interleukin-2 receptor subunit beta, is the receptor for interleukin-2, which plays a role in regulating normal lymphocyte development. IL-2RB expression was restricted to the earliest B22+ cells (CD43+CD24-; prepro B cells; fraction A) that proliferate vigorously to IL-2 in the absence of any stromal cells, but not to IL-15. IL2 receptor complex facilitates the receptor-mediated endocytosis and transduces the mitogenic signals of IL2. IL-2RB is the subunit that is critical for receptor-mediated signaling via physically or functionally coupling to other signaling molecules, such as the Jak-STAT and Src-family protein tyrosine kinase.



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