

## Product datasheet for **TP727573**

### Il2rg Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Interleukin-2 Receptor Subunit Gamma/IL-2 R $\beta$ /CIDX (C-6His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Ser25-Ala263
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of 20mM Tris-HCl, 150mM NaCl, PH8.5.
Note:	Recombinant Mouse Interleukin-2 Receptor Subunit Gamma is produced by our Mammalian expression system and the target gene encoding Ser25-Ala263 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	16186
UniProt ID:	<a href="#">P34902</a>
Synonyms:	Interleukin 2 receptor, gamma chain, isoform CRA_b; Il2rg
Summary:	The Interleukin-2 receptor gamma chain (IL-2 R $\beta$ , CD132) of the high affinity functional mouse IL-2 receptor complex is a member the hematopoietin receptor family. It is expressed on most lymphocyte (white blood cell) populations, and its gene is found on the X-chromosome of mammals. Common IL2 receptor- $\beta$ Chain is required for IL-2 receptor signaling. Besides IL-2, the Common IL2 receptor- $\beta$ chain has been shown to be a component of the functional receptor complexes for IL-4, IL-7, IL-9 and IL-15. It is a component of multiple cytokine receptors that are essential for lymphocyte development and function. Common IL2 receptor- $\beta$ Chain is also designated the common gamma chain.



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