

## 32-9012: Recombinant Mouse Interleukin-2 Receptor Subunit Gamma/IL-2 R gamma/CIDX (C-Fc)

**Gene :** Il2rg  
**Gene ID :** 16186  
**Uniprot ID :** Q3UPA9

### Description

Source: Human Cells.

MW :55.1kD.

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 Fc tag at the C-terminus. The Interleukin-2 receptor gamma chain (IL-2 R gamma , 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- gamma Chain is required for IL-2 receptor signaling. Besides IL-2, the Common IL2 receptor- gamma 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- gamma Chain is also designated the common gamma chain.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.  
**Storage condition :** 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.  
**Amino Acid :** SKVLMSSANEDIKADLILTSTAPEHLSAPTLPLPEVQCFVFNIEYMNCTWNSSEPEQATNLTLYHYRYKVSNDNTFQECSHYLFKSKEITSGCQIQKEDIQLYQTFVVLQDPQKQRRRAVQKLNQLVIPRAPENLTLSNLSSESQLELRWKSRHIKERCLQYLVQYRSNRDRSWTELIVNHEPRFSLPSVDELKRYTFRVRSRYNPICGSSQWWSQPVHWGSHTVEENPSLFALEAVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTPEVTCVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSSFFLYSKLTVDKSRWQQGNVDFSCVMHEALHNHYTQKSLSLSPGK

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.