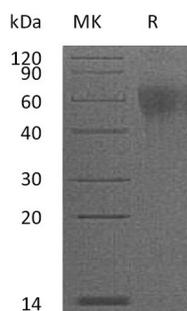


Summary

| | |
|---------------------------------|--|
| Name | IL-2 R gamma/IL-2RG/CD132/Common gamma Chain/IL-2 Ry/CIDX |
| Purity | Greater than 95% as determined by reducing SDS-PAGE |
| Endotoxin level | <1 EU/μg as determined by LAL test. |
| Construction | 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. |
| Accession # | Q3UPA9 |
| Host | Human Cells |
| Species | Mouse |
| Predicted Molecular Mass | 29 KDa |
| Formulation | Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.5. |
| Shipping | The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below. |
| Stability&Storage | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| Reconstitution | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |

SDS-PAGE image



Background

Product Name: Recombinant Mouse IL-2RG (C-6His)
Catalog #: PHM1877



Alternative Names

Interleukin 2 receptor, gamma chain, isoform CRA_b; Il2rg

Background

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

Note

For Research Use Only , Not for Diagnostic Use.