

Rev02
Update: Aug,08,2025

DATASHEET

IL-2 R gamma/CD132, His, Cynomolgus

Cat. No.: Z04136

Product Introduction

Species	Cynomolgus
Protein Construction	IL-2 R gamma/CD132 (Leu23-Asn254) Accession # Q38JL2 His N-termC-term
Purity	> 95% as determined by Bis-Tris PAGE
Endotoxin Level	Less than 1EU per µg by the LAL method.
Expression System	HEK293
Theoretical Molecular Weight	28.2 kDa
Apparent Molecular Weight	Due to glycosylation, the protein migrates to 50-68 kDa based on Bis-Tris PAGE result.
Formulation	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage & Stability	Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles.

Background

Target Background : The gamma chain of the high affinity functional human IL-2 receptor complex belongs to the hematopoietin receptor family. IL-2 R gamma is a 369 amino acid residue protein consisting of a 22 residue signal sequence, a 232 residue extracellular domain, a 29 residue transmembrane domain and an 86 residue cytoplasmic domain. Although IL-2 R gamma by itself does not bind IL-2 with any appreciable affinity, it is required for IL-2 receptor signaling.

Synonyms : CD132; CIDX; IL-2 R gamma; IL2RG; IMD4; P64; SCIDX; SCIDX1; gammaC

For research use only. Not intended for human or animal clinical trials, therapeutic or diagnostic use.

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