

## IL-2R gamma/CD132 Protein, Human (HEK293, hFc)

Cat. No.:	HY-P700858
Synonyms:	CD132; CIDX; IL-2 R gamma; IL2RG; IMD4; P64; SCIDX; SCIDX1; gammaC
Species:	Human
Source:	HEK293
Accession:	P31785-1 (L23-N254)
Gene ID:	3561
Molecular Weight:	70-100 kDa

### PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH <sub>2</sub> O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

### DESCRIPTION

Background	IL-2R gamma/CD132 protein serves as a common subunit for receptors of various interleukins, including IL2, IL4, IL7, IL15, IL21, and likely IL13. Likely in association with IL15RA, it plays a role in stimulating neutrophil phagocytosis by IL15. The gamma subunit, essential for diverse interleukin receptor complexes, interacts with SHB upon interleukin stimulation and also engages with IL9. Through these interactions, IL-2R gamma/CD132 contributes to the intricate network of signaling events associated with interleukin-mediated immune responses, highlighting its central role in immune modulation and cellular activities.
------------	--

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: [tech@MedChemExpress.com](mailto:tech@MedChemExpress.com)

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA