

IL-21R/CD360, Human, Recombinant

Cat. No. : PCK182

General Information

Synonyms	Interleukin-21 Receptor;IL-21 Receptor;IL-21R;CD360.
Species	Human
Expression host	Human Cells
Sequence	Cys20-Pro236
Accession	Q9HBE5
Tag	C-6His
Mol mass	26.0 kDa
Expiration date	12 months

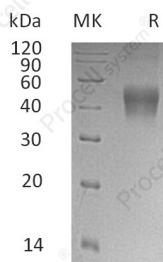
Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Interleukin-21 Receptor is also known as IL-21 Receptor, IL-21R, CD360. In humans, it is encoded by the IL21R gene. It belongs to the type I Cytokine Receptor family. Type 4 subfamily contains 2 fibronectin type-III domains. Interleukin-21 Receptor is selectively expressed in lymphoid tissues and highly expressed in thymus and spleen. IL-21 is produced by CD4+ T cells in response to antigenic stimulation. Its action enhances antigen-specific responses of immune cells. The biological effects of IL-21 include induction of differentiation of T-cells-stimulated B-cells into plasma cells and memory B-cells. It also promotes the anti-tumor activity of CD8+ T-cells and NK cells.

SDS-PAGE



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