IL-21R Protein, Cynomolgus/Rhesus Macaque (HEK293, Fc)

Cat. No.:	HY-P76431
Synonyms:	Interleukin-21 receptor; IL-21 receptor; IL-21R; CD360; Nilr
Species:	Rhesus Macaque
Source:	HEK293
Accession:	XP_005591578 (M1-P236)
Gene ID:	102135042
Molecular Weight:	Approximately 52 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconsititution	It is not recommended to reconstitute to a concentration less than 100 μg/mL in ddH_2O.
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	Interleukin-21 receptor is a novel class I cytokine receptor that mediates its effects through the interaction with the common g chain (gc), making IL-21 the latest member of the family of gc cytokines, which includes IL-2, IL-4, IL-7, IL-9, IL-13, and IL-15. Interleukin-21 receptor enables cytokine receptor activity and protein binding. Interleukin-21 receptor is involved in cytokine-mediated signaling pathway and in immunoglobulin mediated immune response. Interleukin-21 receptor is located in external side of plasma membrane[1][2][3].

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

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