

## IL-1 Rrp2/IL-1 R6 Protein, Cynomolgus (HEK293, His)

Cat. No.:	HY-P77698
Synonyms:	IL-1 R6; IL-1 Rrp2; IL1RL2; IL1Rrp2; IL1RRP2; IL-36R
Species:	Cynomolgus
Source:	HEK293
Accession:	EHH61702 (D20-R335)
Gene ID:	/
Molecular Weight:	60-70 kDa

### PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	IL-1Rrp2 binds IL-1F9 as a ligand and that this binding leads to the activation of transcription factor NF-κB. There are eleven IL-1 family members and nine IL-1 receptor family members. The novel IL-1 cytokines, IL-1F6, IL-1F8 and IL-1F9 (recently renamed IL-36α, IL-36β and IL-36γ respectively) have been shown to signal via IL-1 receptor related protein 2 (IL-1Rrp2, recently renamed IL-36R). IL-1Rrp2 expression was regulated in response to both classical (IL-1β) and novel IL-1 cytokines (IL-1F8 and IL-1F9). The IL-1Rrp2 protein encoded by both of Rat and human cDNAs is 561 amino acids long and to exhibit 42% and 26% overall identity with the IL-1 type 1 and type 2 receptors, respectively. Agents which block signalling through IL-1Rrp2 could be useful therapeutic tools for psoriatic conditions <sup>[1]</sup> .
------------	---

**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

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