

IL-1RL2 Protein, Human (Biotinylated, HEK293, His-Avi)

Cat. No.:	HY-P78145
Synonyms:	IL-1 R6; IL-1 Rrp2; IL1RL2; IL1Rrp2; IL1RRP2; IL-36R
Species:	Human
Source:	HEK293
Accession:	Q9HB29 (D20-R335)
Gene ID:	8808
Molecular Weight:	55-75 kDa

PROPERTIES

Biological Activity	Immobilized Anti-IL-1 Rrp-2 Antibody, hFc Tag at 0.5µg/ml (100µl/Well) on the plate. Dose response curve for Biotinylated Human IL-1 Rrp2, His Tag with the EC ₅₀ of 46.5ng/ml determined by ELISA.
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-1RL2, a receptor for interleukin-36 (IL36A, IL36B, and IL36G), engages in complex signaling events upon binding to interleukin-36. Through association with the coreceptor IL1RAP, the interleukin-36 receptor complex is formed, orchestrating interleukin-36-dependent activation of NF-kappa-B, MAPK, and other pathways. This signaling system, akin to the IL-1 system, is implicated in local inflammatory responses within epithelial barriers, particularly contributing to skin inflammatory reactions by inducing the IL-23/IL-17/IL-22 pathway.
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Caution: Product has not been fully validated for medical applications. For research use only.

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