

IL-1R9/IL1RAPL2 Protein, Human (HEK293, His)

Cat. No.:	HY-P73895
Synonyms:	X-linked interleukin-1 receptor accessory protein-like 2; IL1RAPL2; IL1R9
Species:	Human
Source:	HEK293
Accession:	Q9NP60 (T17-E356)
Gene ID:	26280
Molecular Weight:	Approximately 48-55 kDa

PROPERTIES

Biological Activity	Immobilized Human IL-1R9 at 0.5 µg/mL (100 µL/well) can bind Human PTPRD. The ED ₅₀ for this effect is 136.4 ng/mL.
Appearance	Lyophilized powder
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
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 ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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-1 (IL-1) is a receptor that mediates gene expression for the synthesis of proteins associated with inflammation. The IL1RAPL2 protein is a member of the interleukin-1 receptor family and is similar to interleukin-1 receptor helper protein-like 1 (IL1RAPL1). IL-1 plays a key role in the pathogenesis of polymyositis and dermatomyositis. IL1RAPL2 is associated with non-syndromic X-linked mental retardation. IL1RAPL2 is specifically expressed in the nervous system and is a candidate gene for central nervous system diseases ^{[1][2][3][4]} .
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Caution: Product has not been fully validated for medical applications. For research use only.

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