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## Datasheet for ABIN7196312 IL1RAPL2 Protein (His tag)

### Overview

Quantity:	100 µg
Target:	IL1RAPL2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1RAPL2 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human IL-1R9/IL1RAPL2 Protein (His Tag)(Active)
Sequence:	Met 1-Glu 356
Characteristics:	A DNA sequence encoding the extracellular domain (Met 1-Glu 356) of human IL1R9 (NP_059112.1) was expressed, with a C-terminal polyhistidine tag.
Purity:	> 98 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.
Biological Activity Comment:	Measured by its ability to bind biotinylated human IL1α in functional ELISA.

### Target Details

Target:	IL1RAPL2
Alternative Name:	IL-1R9/IL1RAPL2 ( <a href="#">IL1RAPL2 Products</a> )

## Target Details

Background:	<p>Background: X-linked interleukin-1 receptor accessory protein-like 2 (IL1RAPL2) or Interleukin-1 receptor 9 (IL-1R9) is a member of the interleukin 1 receptor family. This protein is similar to the interleukin 1 accessory proteins. IL-1R9/IL1RAPL2 shows restricted expression in fetal brain and is highly homologous to IL1RAPL, which is reportedly involved in nonsyndromic X-linked mental retardation. IL-1R9/IL1RAPL2 is highly homologous to IL-1R8. Both forms have no known ligands and receptor are found in the fetal brain. IL-1R9/IL1RAPL2 may function as a negative receptor. Both IL1RAPL1 and IL1RAPL2 have novel C-terminal sequences not present in other related proteins. IL-1R9/IL1RAPL2 may be strong candidates for X-linked non-syndromic mental retardation loci, and that molecules resembling IL-1 and IL-18 play a role in the development or function of the central nervous system.</p> <p>Synonym: IL-1R9,IL1R9,IL1RAPL-2,TIGIRR-1</p>
Molecular Weight:	40.7 kDa
NCBI Accession:	<a href="#">NP_059112</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.4
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	<p>Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.</p> <p>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>