

## Datasheet for ABIN7196306 **IL1RAPL1 Protein (Fc Tag)**

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### Overview

Quantity:	100 µg
Target:	IL1RAPL1
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This IL1RAPL1 protein is labelled with Fc Tag.

### Product Details

Purpose:	Recombinant Human IL-1R8/IL1RAPL1 Protein (Fc Tag)(Active)
Sequence:	Met 1-Leu 354
Characteristics:	A DNA sequence encoding the human IL1R8 (NP_055086.1) extracellular domain (Met 1-Leu 354) was fused with the Fc region of human IgG1 at the C-terminus.
Purity:	> 95 % 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:	IL1RAPL1
Alternative Name:	IL-1R8/IL1RAPL1 ( <a href="#">IL1RAPL1 Products</a> )

## Target Details

Background:	<p>Background: Interleukin-1 receptor accessory protein-like 1 (IL1RAPL1) is a member of interleukin-1 receptor family. The protein structurally comprises three extracellular immunoglobulin domains, which presumably mediate binding of an as yet unidentified ligand, a transmembrane region, and an intracellular domain, which is likely to enable signalling via the NFkB pathway. The means of signalling is almost certain to be identical to that used by the IL1R family and the more distally related Toll protein. L1RAPL1 protein physically interacts via its 150 aa C-terminal domain with neuronal calcium sensor-1 (NCS-1), a protein widely expressed in neurons and the related chromaffin and PC12 cells. IL1RAPL1 is an integral membrane protein responsible for a nonsyndromic form of mental retardation (MR). It is suggested to affect human cognitive ability to some extent, especially the memory and concentration capability.</p> <p>Synonym: IL1R8,IL1RAPL,MRX10,MRX21,MRX34,OPHN4,TIGIRR-2</p>
Molecular Weight:	65 kDa
NCBI Accession:	<a href="#">NP_055086</a>
Pathways:	<a href="#">Synaptic Membrane</a> , <a href="#">Growth Factor Binding</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>