Datasheet for ABIN7196311

# IL1RAPL2 Protein (Fc Tag)

Go to Product page

## Overview

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| 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 Fc Tag. |

## Product Details

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| Purpose: | Recombinant Human IL-1R9/IL1RAPL2 Protein (Fc 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) precursor was expressed with the fused 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

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| Target: | IL1RAPL2 |

## Target Details

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| Alternative Name: | IL-1R9/IL1RAPL2 (IL1RAPL2 Products) |
| Background: | 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.<br>Synonym: IL-1R9,IL1R9,IL1RAPL-2,TIGIRR-1 |
| Molecular Weight: | 66 kDa |
| NCBI Accession: | NP_059112 |

## Application Details

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| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Reconstitution: | Please refer to the printed manual for detailed information. |
| Buffer: | Lyophilized from sterile 100 mM Glycine, 10 mM NaCl, 50 mM Tris, pH 7.5 |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |