

## Recombinant Human IL1RAPL2 protein, His & T7-tagged

Cat. No. IL1RAPL2-1574H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                    |
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| <b>Product Overview</b> | Recombinant Human IL1RAPL2 aa. (Ser161~Thr330 (Accession # Q9NP60)) fused with N-terminal His & T7 tag was produced in E. coli cells.                                                                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | Ser161~Thr330                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Description</b>      | The protein encoded by this gene is a member of the interleukin 1 receptor family. This protein is similar to the interleukin 1 accessory proteins, and is most closely related to interleukin 1 receptor accessory protein-like 1 (IL1RAPL1). This gene and IL1RAPL1 are located at a region on chromosome X that is associated with X-linked non-syndromic cognitive disability. |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                |
| <b>Molecular Mass</b>   | 27kDa as determined by SDS-PAGE reducing conditions.                                                                                                                                                                                                                                                                                                                               |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                      |
| <b>Purity</b>           | >95%                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP.                                                                                                                                                                                                                                                                                                                                                           |

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Stability</b>         | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |
| <b>Storage</b>           | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                                                                                                                                                                                                          |
| <b>Storage buffer</b>    | Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.                                                                                                                                                                                                                                                |
| <b>Reconstitution</b>    | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                                                                                                                                                                                                                           |
| <b>Isoelectric Point</b> | 4.9                                                                                                                                                                                                                                                                                                                                 |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                               |
|------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | IL1RAPL2 interleukin 1 receptor accessory protein like 2 [ Homo sapiens (human) ]                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | IL1RAPL2                                                                                                                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | IL1RAPL2; interleukin 1 receptor accessory protein like 2; IL1R9; IL-1R9; TIGIRR-1; IL1RAPL-2; X-linked interleukin-1 receptor accessory protein-like 2; IL-1 receptor accessory protein-like 2; IL-1R-9; IL1RAPL-2-related protein; interleukin 1 receptor 9; three immunoglobulin domain-containing IL-1 receptor-related 1 |
| <b>Gene ID</b>         | 26280                                                                                                                                                                                                                                                                                                                         |
| <b>mRNA Refseq</b>     | NM_017416.1                                                                                                                                                                                                                                                                                                                   |
| <b>Protein Refseq</b>  | NP_059112.1                                                                                                                                                                                                                                                                                                                   |

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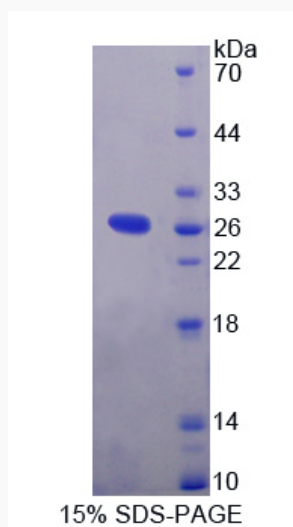
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UniProt ID

Q9NP60

SDS-PAGE

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