

Datasheet for ABIN7314886

## IL1R1 Protein (AA 20-338) (Fc Tag)



[Go to Product page](#)

### Overview

|                               |                                                                      |
|-------------------------------|----------------------------------------------------------------------|
| Quantity:                     | 50 µg                                                                |
| Target:                       | IL1R1                                                                |
| Protein Characteristics:      | AA 20-338                                                            |
| Origin:                       | Mouse                                                                |
| Source:                       | Human Cells                                                          |
| Protein Type:                 | Recombinant                                                          |
| Purification tag / Conjugate: | This IL1R1 protein is labelled with Fc Tag.                          |
| Application:                  | SDS-PAGE (SDS), Western Blotting (WB), ELISA, Mass Spectrometry (MS) |

### Product Details

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Purpose:  | Recombinant Mouse IL-1R1 Protein is produced by mammalian expression system and the target gene encoding Leu20-Lys338 is expressed with a Fc tag at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Sequence: | <p>LEIDVCTEYP NQIVLFLSVN EIDIRKCLPT PNKMHGDTII WYKNDSKTPI SADRDSRIHQ</p> <p>QNEHLWVFPA KVEDSGYYIC IVRNSTYCLK TKVTVTVLEN DPGLCYSTQA TFPQRLHIAG</p> <p>DGSLVCPYVS YFKDENNELP EVQWYKNCKP LLLDNVSFFG VKDKLLVRNV AEEHRGDYIC</p> <p>RMSYTFRGKQ YPVTRVIQFI TIDENKRDRP VILSPRNETI EADPGSMIQL ICNVTGQFSD</p> <p>LVYWKWNGSE IEWNDPFLAE DYQFVEHPST KRKYTLITTL NISEVKSQFY RYPFICVVKH</p> <p>TNIFESAHVQ LIYPVPDFKI EGRDMDPKSC DKTHTCPPCP APELLGGPSV FLFPPKPKDT</p> <p>LMISRTPEVT CVVVDVSHED PEVKFNWYVD GVEVHNAKTK PREEQYNSTY RVVSVLTVLH</p> <p>QDWLNGKEYK CKVSNKALPA PIEKTISKAK GQPREPQVYT LPPSRDELTK NQVSLTCLVK</p> <p>GFYPSDIAVE WESNGQPENN YKTTTPVLDS DGSFFLYSKL TVDKSRWQQG NVFSCSVMH</p> <p>ALHNHYTQKS LSLSPGK</p> |

## Product Details

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| Purity: | Greater than 95 % as determined by reducing SDS-PAGE. |
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|            |                 |
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| Sterility: | 0.2 µm filtered |
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## Target Details

|         |       |
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| Target: | IL1R1 |
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|                   |                                          |
|-------------------|------------------------------------------|
| Alternative Name: | IL1R1 ( <a href="#">IL1R1 Products</a> ) |
|-------------------|------------------------------------------|

|           |                                                                                                                            |
|-----------|----------------------------------------------------------------------------------------------------------------------------|
| Pathways: | <a href="#">NF-kappaB Signaling</a> , <a href="#">Carbohydrate Homeostasis</a> , <a href="#">Cancer Immune Checkpoints</a> |
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## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
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| Restrictions: | For Research Use only |
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## Handling

|         |             |
|---------|-------------|
| Format: | Lyophilized |
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|         |                                                             |
|---------|-------------------------------------------------------------|
| Buffer: | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. |
|---------|-------------------------------------------------------------|

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| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH <sub>2</sub> O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
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|          |        |
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| Storage: | -20 °C |
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| Storage Comment: | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months. |
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