

**Product Name: Recombinant Human IL-1RAcP (C-6His)**  
**Catalog #: PHH2319**



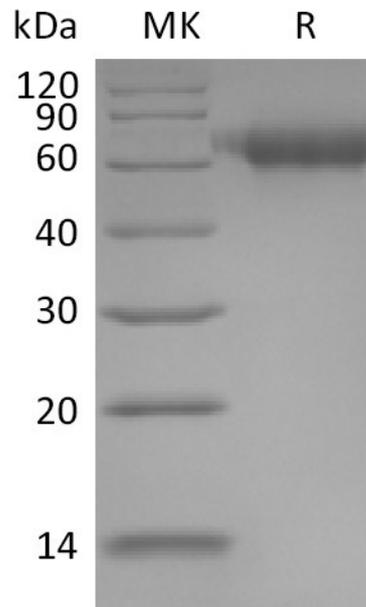
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## Summary

<b>Name</b>	IL-1RAcP/IL-1R3/IL-1 Receptor Accessory Protein (Q9NPH3,Ser21-Glu359)
<b>Purity</b>	Greater than 95% as determined by reducing SDS-PAGE
<b>Endotoxin level</b>	<1 EU/μg as determined by LAL test.
<b>Construction</b>	Recombinant Human Interleukin-1 Receptor Accessory Protein is produced by our Mammalian expression system and the target gene encoding Ser21-Glu359 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q9NPH3
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	39.9 KDa
<b>Formulation</b>	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
<b>Stability&amp;Storage</b>	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. 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.
<b>Reconstitution</b>	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE image

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### **Alternative Names**

Interleukin-1 Receptor Accessory Protein; IL-1 Receptor Accessory Protein; IL-1RAcP; Interleukin-1 Receptor 3; IL-1R-3; IL-1R3; IL1RAP; C3orf13; IL1R3

### **Background**

Interleukin-1 Receptor Accessory Protein (IL-1RAcP) is a member of the interleukin-1 receptor family. It contains three Ig-like C2-type domains in the extracellular region and a long cytoplasmic domain implicated in signal transduction. IL-1RAcP acts as a non-ligand binding accessory component of the receptors for IL1 $\alpha$ , IL1 $\beta$  and IL33. IL-1RAcP mediates interleukin-1-dependent activation of NF-kappa-B. It is part of the membrane-bound form of the IL-1 receptor. IL-1 RAcP takes part in the Signaling ways by the formation of a ternary complex containing IL1R1, TOLLIP, MYD88, and IRAK1 or IRAK2. In addition, IL-1RAcP modulates the response to interleukins by associating with soluble IL1R1 and enhancing interleukin-binding to the decoy receptor.

### **Note**

For Research Use Only , Not for Diagnostic Use.