

**Product Name: Recombinant Human IL18R1 (C-6His)**  
**Catalog #: PHH2417**

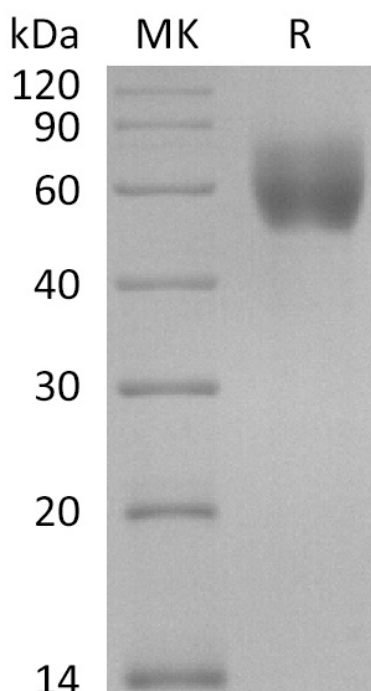


## Summary

<b>Name</b>	IL18R1/CD218a/Interleukin-18 receptor 1
<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-18 Receptor 1 is produced by our Mammalian expression system and the target gene encoding Ala19-Arg329 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	Q13478
<b>Host</b>	Human cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	36.6 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-18 receptor 1; IL18R1; CD218 antigen-like family member A; CDw218a; IL1 receptor-related protein; IL-1Rrp; Interleukin-18 receptor alpha; IL-18R-alpha; CD218a; IL1RRP

### Background

The interleukin 18 receptor 1 (IL18R1) belongs to interleukin 1 receptor family. IL18R1 is of particular interest since the receptor is critical for experimental neuroinflammation. Reaserches show that the increased expression of IL18R1 may contribute pathogenically to disease and is therefore a potential therapeutic target. IL18R1 has been shown to mediate EAE through regulation of both IL-18-dependent and -independent pathways.

### Note

For Research Use Only , Not for Diagnostic Use.