

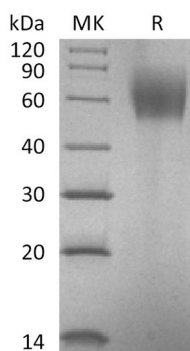
**Product Name: Recombinant Human IL-23R (C-6His)**  
**Catalog #: PHH0910**



## Summary

<b>Name</b>	IL-23 Recetor/IL-23R
<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-23 Receptor is produced by our Mammalian expression system and the target gene encoding Gly24-Asp353 is expressed with a 6His tag at the C-terminus.
<b>Accession #</b>	AAM44229.1
<b>Host</b>	Human Cells
<b>Species</b>	Human
<b>Predicted Molecular Mass</b>	38.7 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>	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
<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



## Background

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**Alternative Names**

Interleukin-23 receptor; IL23R; IL-23 receptor; IL-23R

**Background**

Interleukin 23 receptor (IL23R) is a type I cytokine receptor for IL23. IL23 receptor complex is comprised of two subunits, the IL12R $\beta$ 1 subunit, which is shared with several cytokines, and a subunit that is unique to IL-23. IL23, after binding to IL23R, activates memory T cells and mediates pro-inflammatory activities in part by the production of IL17 through activation of TH17 lymphocytes. IL23R is expressed on T cells, NK cells, dendritic cells, and macrophages. In fact, polymorphisms of the IL23R gene were reported to be associated with susceptibility to inflammatory diseases and autoimmune diseases such as psoriasis, multiple sclerosis, Graves opthalmopathy and inflammatory bowel diseases. The IL23R is known to be critically involved in the carcinogenesis of different malignant tumor.

**Note**

For Research Use Only , Not for Diagnostic Use.