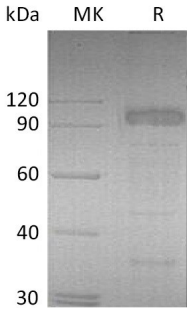
Product Name: Recombinant Mouse IL-23R (C-Fc)
Catalog #: PHM1000

Summary

Name	IL-23 Recetor/IL-23R
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Mouse Interleukin-23 Receptor is produced by our Mammalian expression system and the target gene encoding Gly24-Asp372 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	Q8K4B4
Host	Human Cells
Species	Mouse
Predicted Molecular Mass	67.4 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	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.
Reconstitution	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.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; interleukin 23 receptor
Background	Interleukin 23 receptor (IL23R), a heterodimer of the IL12 receptor β1 (IL12Rβ1) and IL12Rβ2, is a type I cytokine receptor for IL23. IL23R is comprised of two subunits, the IL12Rβ1 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, Gravess ophtalmopathy 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.