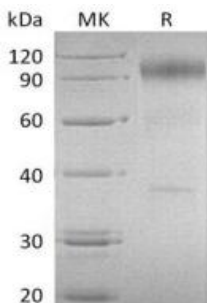


## Recombinant Human IL-23R (C-Fc)

Catalog#:P00223    Derived from    Human Cells

<b>DESCRIPTION</b>	<p>Recombinant Human Interleukin-23 Receptor is produced by our Mammalian expression system and the target gene encoding Gly24-Asp353 is expressed with a Fc tag at the C-terminus.</p> <p>Accession#: Q5VWK5</p> <p>Known as: Interleukin-23 receptor; IL23R; IL-23 receptor; IL-23R</p>
<b>FORMULATION</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
<b>SHIPPING</b>	<p>The product is shipped at ambient temperature.</p> <p>Upon receipt, store it immediately at the temperature listed below.</p>
<b>STORAGE</b>	<p>Lyophilized protein should be stored at &lt; -20°C, though stable at room temperature for 3 weeks.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days.</p> <p>Aliquots of reconstituted samples are stable at &lt; -20°C for 3 months.</p>
<b>RECONSTITUTION</b>	<p><i>Always centrifuge tubes before opening. Do not mix by vortex or pipetting.</i></p> <p><i>It is not recommended to reconstitute to a concentration less than 100µg/ml.</i></p> <p>Dissolve the lyophilized protein in distilled water.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
<b>QUALITY CONTROL</b>	<p>Bioactivity Immobilized Human IL-23-His (Cat#CJ40) at 0.1µg/ml (100 µl/well) can bind Human IL-23R-Fc (Cat#CP09).</p> <p>The ED50 of Human IL-23R-Fc(Cat#CP09) is 3-10 ug/ml.</p> <p>Mol Mass: 65kDa    AP Mol Mass: 90-120kDa, reducing conditions.</p> <p>Purity: Greater than 95% as determined by reducing SDS-PAGE.</p> <p>Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.</p>
<b>BACKGROUND</b>	<p>Interleukin 23 receptor (IL23R) is a type I cytokine receptor for IL23. IL23 receptor complex 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, Graves's ophtalmopathy and inflammatory bowel diseases. The IL23R is known to be critically involved in the carcinogenesis of different malignant tumor.</p>
<div style="display: flex; align-items: center;"> <div style="margin-right: 20px;"><b>SDS-PAGE</b></div>  </div>	