

## Active Recombinant Human IL23r, HlgG1 Fc-tagged

Cat. No. IL23r-8617H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	The extracellular domain of human IL-23R (NP_653302.2) (Gly24-Asp353) is fused to the N-terminus of the Fc region of human IgG1 was expressed in CHO cell.
<b>Species</b>	Human
<b>Source</b>	CHO
<b>ProteinLength</b>	24-353 a.a.
<b>Description</b>	IL23R (interleukin 23 receptor) is a protein-coding gene. Diseases associated with IL23R include inflammatory bowel disease 17, protection against, and psoriasis, protection against, and among its related super-pathways are STAT3 Pathway and Immune response IL-23 signaling pathway. GO annotations related to this gene include interleukin-23 receptor activity and interleukin-12 receptor binding.
<b>Form</b>	Lyophilized from 0.2µm-filtered solution in PBS.
<b>Bio-activity</b>	Measured by its binding ability in a functional ELISA.
<b>Molecular Mass</b>	64KDa (monomer)
<b>AA Sequence</b>	Gly24-Asp353
<b>Endotoxin</b>	<0.06 eu/µg="" as="" determined="" by="" lal="">

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<b>Purity</b>	>98%, by SDS-PAGE under reducing conditions
<b>Stability</b>	Stable for at least 1 year after receipt when stored at -20°C. Working aliquots are stable for up to 3 months when stored at -20°C.
<b>Reconstitution</b>	Reconstitute at 100µg/ml in sterile PBS.
<b>Warning</b>	Avoid freeze/thaw cycles.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">IL23R interleukin 23 receptor [ Homo sapiens ]</a>
<b>Official Symbol</b>	IL23R
<b>Synonyms</b>	IL23R; interleukin 23 receptor; interleukin-23 receptor; IL 23R; IL-23 receptor;
<b>Gene ID</b>	<a href="#">149233</a>
<b>mRNA Refseq</b>	<a href="#">NM_144701</a>
<b>Protein Refseq</b>	<a href="#">NP_653302</a>
<b>MIM</b>	<a href="#">607562</a>
<b>UniProt ID</b>	<a href="#">Q5VWK5</a>
<b>Chromosome Location</b>	1p31.2
<b>Pathway</b>	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; IL23-mediated signaling events,

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organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

**Function**

contributes\_to interleukin-12 receptor binding; contributes\_to interleukin-23 binding; contributes\_to interleukin-23 receptor activity; receptor activity;

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