

Active Recombinant Human IL23R, MlgG2a Fc-tagged

Cat. No. IL23R-8615H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The extracellular domain of human IL-23R (NP_653302.2) (Gly24-Asp353) is fused to the N-terminus of the Fc region of mouse IgG2a was expressed in CHO cell
Species	Human
Source	CHO
Protein Length	24-353 a.a.
Description	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.
Form	Lyophilized from 0.2µm-filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA.
Molecular Mass	64KDa (monomer)
AA Sequence	Gly24-Asp353
Endotoxin	<0.06 eu/µg="" as="" determined="" by="" la="">

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Purity	>98%, by SDS-PAGE under reducing conditions
Stability	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.
Reconstitution	Reconstitute at 100µg/ml in sterile PBS.
Warning	Avoid freeze/thaw cycles.

GENE INFORMATION

Gene Name	IL23R interleukin 23 receptor [Homo sapiens]
Official Symbol	IL23R
Synonyms	IL23R; interleukin 23 receptor; interleukin-23 receptor; IL 23R; IL-23 receptor;
Gene ID	149233
mRNA Refseq	NM_144701
Protein Refseq	NP_653302
MIM	607562
UniProt ID	Q5VWK5
Chromosome Location	1p31.2
Pathway	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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