

## Recombinant Human IL23R protein, mFc-tagged

**Cat. No.** IL23R-614H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human IL23R protein(Q5VWK5-1)(Gly24-Gly355), fused with C-terminal mFc tag, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	Gly24-Gly355
<b>Tag</b>	C-mFc
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Immobilized Biotinylated Human IL-23 alpha&IL-12 beta, His Tag at 2µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human IL-23R, mFc Tag with the EC50 of 11.1ng/ml determined by ELISA.
<b>Molecular Mass</b>	The protein has a predicted MW of 63.7 kDa. Due to glycosylation, the protein migrates to 80-115 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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**Storage** Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution** Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

## 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

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