

# Active Recombinant Human IL23R protein, mFc-tagged, Low Endotoxin

**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>    | 24-355 aa                                                                                                                                                                                                                         |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS, 10% trehalose (pH 7.4).                                                                                                                                                         |
| <b>Bio-activity</b>     | Immobilized Biotinylated Human IL-23 alpha&IL-12 beta, His Tag at 5µg/ml (100µl/well) on the streptavidin precoated plate (5µg/ml). Dose response curve for Human IL-23R, mFc Tag with the EC50 of 36.4ng/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 Bis-Tris PAGE result.                                                                                               |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                                       |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE; > 85% as determined by HPLC                                                                                                                                                                 |
| <b>Storage</b>          | Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities                                                           |

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for optimal storage. Please minimize freeze-thaw cycles.

**Reconstitution** 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

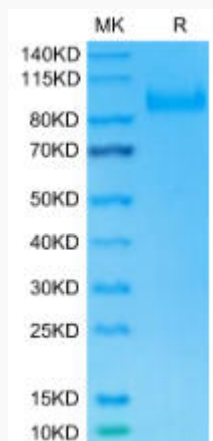
**UniProt ID** Q5VWK5

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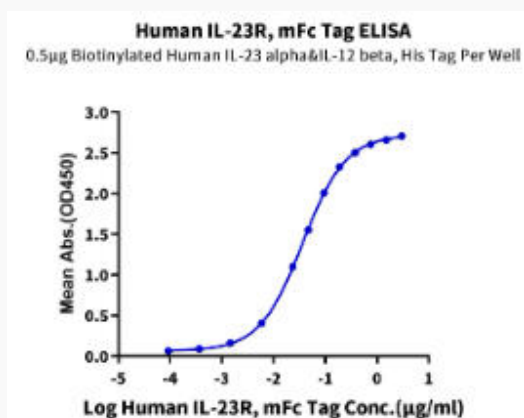
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## Bis-Tris PAGE



## ELISA Data



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