

Recombinant Human IL23R protein, mFc-tagged

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

SPECIFICATION

Product Overview	Recombinant Human IL23R protein(Q5VWK5-1)(Gly24-Gly355), fused with C-terminal mFc tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly24-Gly355
Tag	C-mFc
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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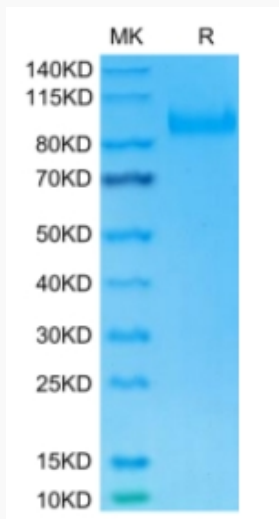
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled 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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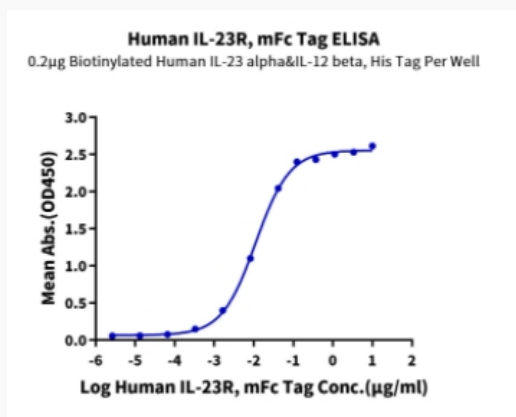
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Tris-Bis PAGE



ELISA Data



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