

Recombinant Rat Il23r Protein, His-tagged

Cat. No. Il23r-1030R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Il23r Protein (Ile25-Leu355) with His tag was expressed in 293F.
Species	Rat
Source	HEK293
ProteinLength	Ile25-Leu355
Description	<p>Predicted to enable cytokine binding activity and cytokine receptor activity. Predicted to contribute to interleukin-12 receptor binding activity; interleukin-23 binding activity; and interleukin-23 receptor activity. Predicted to be involved in several processes, including positive regulation of defense response to virus by host; regulation of cytokine production; and response to interferon-gamma. Predicted to be part of interleukin-23 receptor complex. Predicted to be active in external side of plasma membrane. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); inflammatory bowel disease (multiple); pulmonary hypertension; rhinitis; and systemic scleroderma. Orthologous to human IL23R (interleukin 23 receptor).</p>
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 65.2 kDa; Accurate Molecular Mass: 110 kDa
Purity	> 97%

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Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

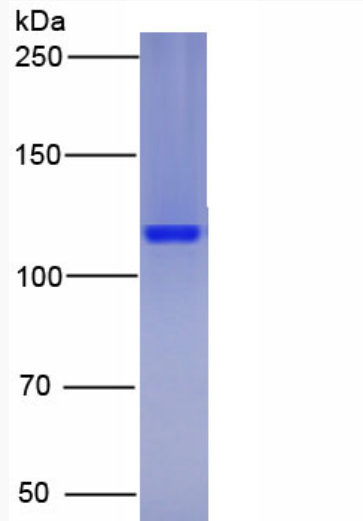
GENE INFORMATION

Gene Name	IL23r interleukin 23 receptor [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	IL23r
Synonyms	IL23R; interleukin 23 receptor;
Gene ID	689932
mRNA Refseq	XM_039108697
Protein Refseq	XP_038964625
UniProt ID	F1LX96

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