

Active Recombinant Rat IL23r protein, hFc-tagged, Low Endotoxin

Cat. No. IL23r-8801R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat IL23r protein(F1LX96)(39-367 aa), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Rat
Source	HEK293
ProteinLength	39-367 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Rat IL-23R, hFc Tag captured on CM5 Chip via Protein A can bind Human IL-23 alpha&IL-12 beta, His Tag with an affinity constant of 3.79 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 63.61 kDa. Due to glycosylation, the protein migrates to 90-120 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

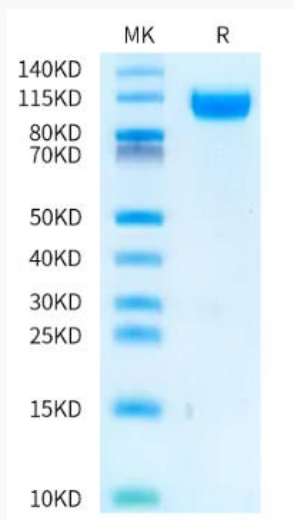
Gene Name IL23r interleukin 23 receptor [*Rattus norvegicus*]

Official Symbol IL23r

Synonyms IL23R; interleukin 23 receptor;

Gene ID 689932

Bis-Tris PAGE

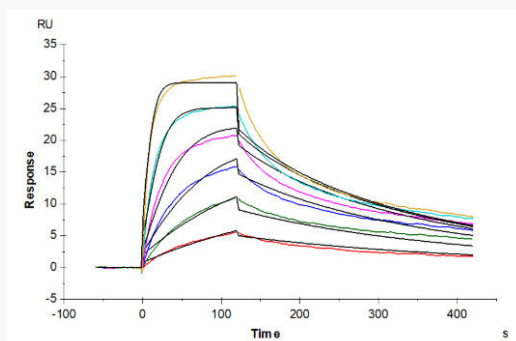


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SPR Data



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