

Recombinant Human IL-12 R beta 1/CD212 Protein

Catalog No.: RP00438LQ **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3594	P42701-1

Tags

C-hFc

Synonyms

IL-12R-beta-1; IL-12RB1; IL12R; IL12RB;
CD212; IL-12R subunit beta-1; IL-12R-
BETA1; MGC34454; IL-12R-β-1; IL-12R
subunit β-1; IL-12R-β1

Product Information

Source	Purification
HEK293 cells	> 95% by SDS- PAGE > 95% by HPLC

Endotoxin

< 1 EU/μg of the protein by LAL method

Formulation

Supplied as 0.22 μm filtered solution in
PBS (pH 7.4).

Reconstitution

Background

Human IL12RB1 is an autosomal gene that is essential for mycobacterial disease resistance and T cell differentiation. Lung and T cell IL12RB1 expression is allele-biased, and the extent to which cells express one IL12RB1 allele is unaffected by activation. Furthermore following its expression the IL12RB1 pre-mRNA is processed into either IL12RB1 Isoform 1 (IL12Rβ1, a positive regulator of IL12 responsiveness) or IL12RB1 Isoform 2 (a protein of heretofore unknown function).

Basic Information

Description

Recombinant Human IL-12 R beta 1/CD212 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Cys24-Glu540) of Human IL-12 R beta 1/CD212 (Accession #P42701-1) fused with a C-hFc tag at the C-terminus.

Bio-Activity

Storage

Store at ≤-70°C, stable for 12 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. Avoid repeated freeze/thaw cycles.

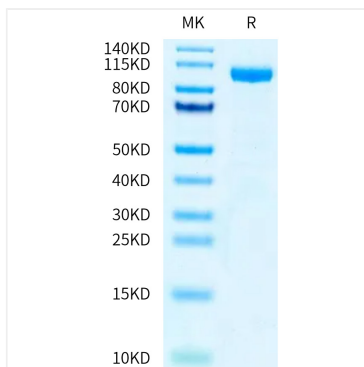
Contact

 | 400-999-6126

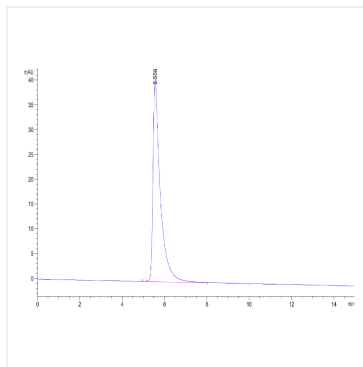
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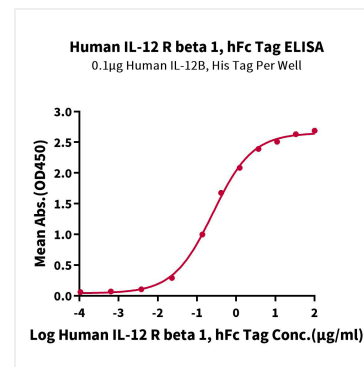
Validation Data



Human IL-12 R beta 1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



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Human IL-12 R beta 1, hFc Tag ELISA
0.1µg Human IL-12B, His Tag Per Well
Immobilized Human IL-12B, His Tag at 1 µg/mL (100 µL/well) on the plate. Dose response curve for Human IL-12 R beta 1, hFc Tag with the EC₅₀ of 0.26 µg/mL determined by ELISA.