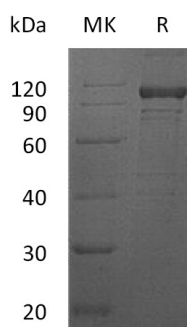


概述 (Summary)

英文全称	IL-12RB1/CD212/IL-12 Receptor Subunit Beta1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Interleukin-12 Receptor Subunit Beta-1 is produced by our Mammalian expression system and the target gene encoding Cys24-Glu540 is expressed with a human IgG1 Fc tag at the C-terminus.
Accession #	P42701
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	84.2 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 5% trehalose, 5% mannitol, 0.02% Tween80, pH8.0.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human IL-12RB1 (C-Fc)
Catalog #: PHH0864



背景 (Background)

分子别名 (Alternative Names)

CD212; IL12RB1; CD212; CD212 antigen; IL-12 receptor beta component; IL-12 receptor subunit beta-1; IL12R; IL-12R subunit beta-1; IL12RB; IL-12RB1; IL-12R-BETA1; IL-12R-beta-1; interleukin-12 receptor beta-1 chain; interleukin-12 receptor subunit beta-1

背景介绍 (References)

Interleukin12 receptor subunit beta 1 (IL12RB1) is a type I transmembrane protein that belongs to the hemopoietin receptor superfamily. IL12RB1 can spontaneously form homodimers and -oligomers, which are able to bind IL12 with only low affinity. IL12 high affinity receptor complex is composed of two subunits designated IL12RB1 and IL12RB2. While IL12RB1 interacts with the IL-12p40 subunit, IL-12p35 is mainly connecting with IL12RB2. This receptor chain is also responsible for transmitting the IL12 signal into the cell. IL12RB1, to the contrary, is also part of the IL23R, where it interacts with the p40 subunit of IL23. IL12RB1 is expressed in activated T cells, NK cells and B cells.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.