

产品名称: GMP Recombinant Human IL-23
产品货号: PCH90026

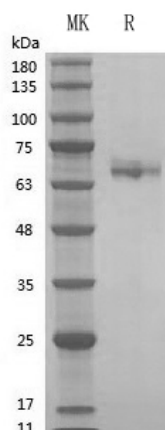


概述 (Summary)

英文全称	IL-23
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	≤10 EU/mg
蛋白构建 (Construction)	Recombinant Human IL-23 is produced by our Mammalian cell expression system and the target gene encoding Ile23-Ser328&Arg23-Pro189 is expressed.
Accession #	P29460(P40), AAG37232(P19)
蛋白标签 (Tag)	Tag free
表达宿主 (Host)	Mammalian cell
种属 (Species)	Human
预测分子量 (Predicted MW)	55.0 kDa(IL-23singlechain);36.5 kDa(p40)&18.5 kDa(p19)
蛋白形态 (Form)	Lyophilized
储存缓冲液 (Buffer)	PBS,5% mannitol and 0.01% Tween 80, pH7.4
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)	36 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.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.

电泳图 (SDS-PAGE image)

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背景 (Background)

分子别名 (Alternative Names)

SGRF; IL-23p19; CLMF p40; IL-12 subunit p40; NKSF2

背景介绍 (References)

Interleukin-23 (IL-23) is a heterodimeric cytokine that belongs to the IL-12 cytokine family. It is composed of two subunits, p19 and p40, with the p40 subunit being shared with IL-12. IL-23 is primarily secreted by activated macrophages and dendritic cells located in peripheral tissues such as skin, intestinal mucosa, and lung. This cytokine plays a crucial role in the development and maintenance of autoimmune inflammation, particularly through its ability to induce IL-17 production, which is a unique role compared to IL-12.

注意事项 (Note)

For research use only .