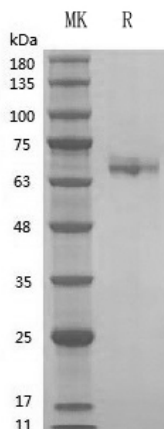


Summary

Name	IL-23
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
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)
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	55.0 kDa(IL-23singlechain);36.5 kDa(p40)&18.5 kDa(p19)
Form	Lyophilized
Buffer	PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
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.

SDS-PAGE image

Product Name: GMP Recombinant Human IL-23
Catalog#: PCH90026



Background

Alternative Names

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

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.

Note

For research use only .