Product Name: Recombinant Mouse IL-22 (E. coli)

Catalog #: PEM0906



概述 (Summary)

英文全称 IL-22/Interleukin-22

纯度 (Purity) Greater than 95% as determined by reducing SDS-PAGE

内毒素 (Endotoxin level) <0.01 EU/μg as determined by LAL test.

蛋白构建 (Construction) Recombinant Mouse Interleukin-22 is produced by our E.coli expression

system and the target gene encoding Leu34-Val179 is expressed.

Accession # Q9JJY9

蛋白标签 (Tag)

表达宿主 (Host)E.coli种属 (Species)Mouse预测分子量 (Predicted MW)16.7 KDa

蛋白形态 (Form) Lyophilized from a 0.2 μm filtered solution of 20mM PB, 150mM NaCl, pH 7.0.

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 $100\mu g/ml$. 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 $100\mu g/ml$. Dissolve the lyophilized

protein in distilled water. Please aliquot the reconstituted solution to minimize

freeze-thaw cycles.

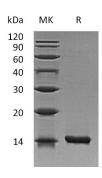
电泳图 (SDS-PAGE image)

Web: https://www.enkilife.com E-mail: order@enkilife.com techsupport@enkilife.com Tel: 0086-27-87002838

Product Name: Recombinant Mouse IL-22 (E. coli)

Catalog #: PEM0906





背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

Interleukin-22; IL-22; IL-10-Related T-Cell-Derived-Inducible Factor; IL-TIF; IL-TIF Alpha; Interleukin-22a; IL-22a; Il22a; Il12a; Iltif; Iltifa

Interleukin-22 (IL-22) was initially identified as a gene induced by IL-9 in mouse T cells and mast cells. Mouse IL-22 cDNA encodes a 179 amino acid residue protein with a putative 33 amino acid signal peptide that is cleaved to generate a 147 amino acid mature protein that shares approximately 79% and 22% sequence identity with human IL22 and IL10, respectively. IL22 has been shown to activate STAT-1 and STAT-3 in several hepatoma cell lines and up-regulate the production of acute phase proteins. IL-22 is produced by normal mouse T cells upon Con A activation. Mouse IL-22 expression is also induced in various organs upon lipopolysaccharide injection, suggesting that IL-22 may be involved in inflammatory responses. The functional IL-22 receptor complex consists of two receptor subunits, IL-22R (previously an orphan receptor named CRF2-9) and IL-10Rβ (previously known as CRF2-4), belonging to the class II cytokine receptor family.

注意事项 (Note)

For Research Use Only, Not for Diagnostic Use.