Catalog #: PHH2354



概述 (Summary)

英文全称 Ig kappa/Immunoglobulin Kappa Constant

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 Immunoglobulin Kappa Constant is produced by

our Mammalian expression system and the target gene encoding Thr2-

Cys107 is expressed with a 6His tag at the C-terminus.

Accession # P01834

蛋白标签 (Tag)

表达宿主 (Host) **Human Cells**

种属 (Species) Human 预测分子量 (Predicted MW) 12.4 KDa

蛋白形态 (Form) Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

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.

Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 稳定性&储存 (Stability &Storage)

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

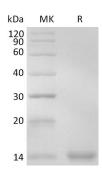
> protein in distilled water. Please aliquot the reconstituted solution to minimize

freeze-thaw cycles.

电泳图 (SDS-PAGE image)

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





背景 (Background)

分子别名 (Alternative Names)

背景介绍 (References)

Ig kappa chain C region; Ig kappa chain C region AG; Ig kappa chain C region CUM; IGKC; Immunoglobulin Kappa

Immunoglobulin Kappa is constant region of immunoglobulin light chains. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulinssecreting plasma cells. Secreted immunoglobulins mediate the effector phase of humoral immunity, which results in the elimination of bound antigens. The antigen binding site is formed by the variable domain of one heavy chain, together with that of its associated light chain. Thus, each immunoglobulin has two antigen binding sites with remarkable affinity for a particular antigen. The variable domains are assembled by a process called V-(D)-J rearrangement and can then be subjected to somatic hypermutations which, after exposure to antigen and selection, allow affinity maturation for a particular antigen.

注意事项(Note)

For Research Use Only, Not for Diagnostic Use.