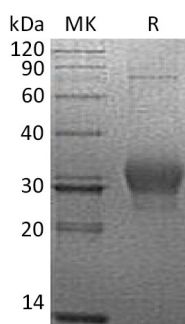


概述 (Summary)

英文全称	κ -Casein/Kappa-casein
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/ μ g as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human κ -Casein/CSN3 is produced by our Mammalian expression system and the target gene encoding Glu21-Ala182 is expressed with a 6His tag at the C-terminus.
Accession #	AAH10935.1
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	19.1 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μ m filtered solution of 20mM PB, 150mM NaCl, 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.
稳定性&储存 (Stability &Storage)	Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt. Store at $\leq -70^{\circ}\text{C}$, 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 μ 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 μ 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)

Product Name: Recombinant Human κ -Casein (C-6His)
Catalog #: PHH1946



背景 (Background)

分子别名 (Alternative Names)

Kappa-Casein; CSN3; CASK; CSN10; CSNK

背景介绍 (References)

Kappa-Casein (CSN3) is a secreted protein that belongs to the Kappa-Casein family. CSN3 exists in heteromultimers that are composed of alpha-s 1casein and kappa casein linked by disulfide bonds. CSN3 is involved in a number of important physiological processes. In the gut, CSN3 protein is split into an insoluble peptide (para kappa-casein) and a soluble hydrophilic glycopeptide (caseinomacropeptide). Caseinomacropeptide is responsible for increased efficiency of digestion, prevention of neonate hypersensitivity to ingested proteins, and inhibition of gastric pathogens. Kappa-casein also stabilizes micelle formation, preventing casein precipitation in milk.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.