

Product Name: Recombinant Human Calmegin (C-6His)
Catalog #: PHH0202

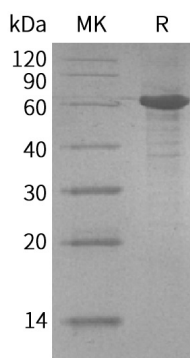


概述 (Summary)

英文全称	Calmegin/CLGN
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 Calmegin is produced by our Mammalian expression system and the target gene encoding Glu20-Trp471 is expressed with a 6His tag at the C-terminus.
Accession #	O14967
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	52.9 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm 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 ≤-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 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)

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背景 (Background)

分子别名 (Alternative Names)

Calmegin; CLGN

背景介绍 (References)

Calmegin (CLGN) is a member of the calreticulin family. Calmegin is a testis-specific endoplasmic reticulum chaperone protein. The functions during spermatogenesis as a chaperone for a range of client proteins that is important for sperm adhesion onto the egg zona pellucida and for subsequent penetration of the zona pellucida. It is required for normal male fertility, normal sperm migration from the uterus into the oviduct. Calmegin binds calcium ions and interacts with PDILT. Calmegin may play a role in spermatogenesis and infertility.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.