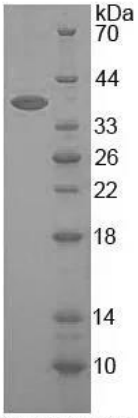
# Recombinant Na-K-Cl Cotransporter 2 (NKCC2)(N-6His)

*Catalog#:PEH22031*

## 概述（Summary）

| | |
|---|---|
| **别称（Alternative Names）** | SLC12A1; NKCC2; Solute Carrier Family 12 Member 1; Bumetanide-sensitive sodium-(potassium)-chloride cotransporter 2; Kidney-specific Na-K-Cl symporter |
| **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）** | 6His-【Arg814-Ser1099】 |
| **Accession #** | Q13621 |
| **表达宿主（Host）** | E.coli |
| **种属（Species）** | Homo sapiens (Human) |
| **预测分子量（Predicted MW）** | 36.8 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300. |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（Reconstitution）** | Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex. |
| **背景介绍（References）** | Renal sodium, potassium and chloride ion cotransporter that mediates the transepithelial NaCl reabsorption in the thick ascending limb and plays an essential role in the urinary concentration and volume regulation. Electrically silent transporter system. |

## 电泳图（SDS-PAGE image）



15% SDS-PAGE

Greater than 95% as determined by reducing SDS-PAGE.

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.