# Eukaryotic Chromogranin A (CHGA)(N-6His)

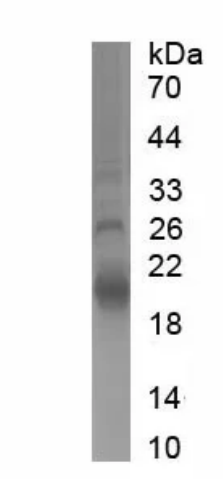
*Catalog#:PHH13423*

## 概述（Summary）

| | |
|---|---|
| **别称（Alternative Names）** | CGA; SP-I; Parathyroid Secretory Protein 1; Vasostatin; Pancreastatin; Parastatin; Pituitary secretory protein I |
| **纯度（Purity）** | Greater than 80% 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-【Gln15-Gly148】 |
| **Accession #** | P10645 |
| **表达宿主（Host）** | 293F |
| **种属（Species）** | Homo sapiens (Human) |
| **预测分子量（Predicted MW）** | 16.6 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）** | Strongly inhibits glucose induced insulin release from the pancreas.; Inhibits catecholamine release from chromaffin cells and noradrenergic neurons by acting as a non-competitive nicotinic cholinergic antagonist. Displays antibacterial activity against Gram-positive bacteria S.aureus and M.luteus, and Gram-negative bacteria E.coli and P.aeruginosa. Can induce mast cell migration, degranulation and production of cytokines and chemokines. Acts as a potent scavenger of free radicals in vitro. May play a role in the regulation of cardiac function and blood pressure.; Regulates granule biogenesis in endocrine cells by |

up-regulating the transcription of protease nexin 1 (SERPINE2) via a cAMP-PKA-SP1 pathway. This leads to inhibition of granule protein degradation in the Golgi complex which in turn promotes granule formation.

## 电泳图（SDS-PAGE image）




Greater than 80% as determined by reducing SDS-PAGE.

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.