



# Recombinant Protein Technical Manual

## Recombinant Human Secretogranin 3/SCG3 Protein (His Tag) RPES1282

### Product Data:

**Product SKU:** RPES1282

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** AAH14539.1

### Protein Information:

**Molecular Mass:** 52.0 kDa

**AP Molecular Mass:** 52.0 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 90 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Secretogranin-3; Secretogranin III; SgIII;

## Immunogen Information:

**Sequence:** Phe20-Leu468

## Background:

Secretogranin-3(SCG3) is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. SCG3 is expressed in brain, heart, kidney, liver and skeletal muscle. It may serve as precursors for biologically active peptides. Some granins have been shown to function as helper proteins in sorting and proteolytic processing of prohormones; however, the function of this protein is unknown.