

Recombinant Human Secretogranin 3 Protein (His Tag)

Cat.NO.: TP07860

3th Edition

Synonyms:SGIII

Description:SCG3, also known as secretogranin 3, is a member of the chromogranin/secretogranin family. Members of this family may serve as precursors for biologically active peptides. SCG3 is transported to secretory granules (SGs) in neuroendocrine cells. SCG3 binds strongly to chromogranin A (CgA) in an intragranular milieu and targets CgA to SGs in pituitary and pancreatic endocrine cells. With a sucrose density gradient of rat insulinoma-derived INS-1 cell homogenates, SgIII is localized to the SG fraction and is fractionated to the SG membrane (SGM) despite lacking the transmembrane region.

Form:PBS

Molecular Weight:52.4 kDa

Sequences:Met 1-Leu468

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.