



# Recombinant Rat Secretogranin-3 (Scg3)

<b>Product Code</b>	CSB-EP020809RA-B
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P47868
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	FPKPEGSQ DKSLHNRELS AERPLNEQIA EAEADKIKKT YPSESKPSES NFSSVDNLNL LKAITEKETV EKAKQSIRSS PFDNRLNVDD ADSTKNRKL DEYDSTKSGL DRKVQDDPDG LHQLDGTPLT AEDIVHKIAT RIYEENDRGV FDKIVSKLLN LGLITESQAH TLEDEVAEAL QKLISKEANN YEEAPEKPTS RTENQDGKIP EKVTPVAATQ DGFTNREND TVSNTLTLN GLERRTNPHR DDDFEELQYF PNFYALLTSI DSEKEAKEKE TLITIMKTLI DFKMMVKYG TISPEEGVSY LENLDETIAL QTKNKLEKNT TDSKSKLFPA PPEKSHEETD STKEEAAKME KEYGSLKDST KDDNSNLGGK TDEAKGKTEA YLEAIRKNIE WLKKNKKN KEDYDLSKMR DFINQQADAY VEKGILDKKE ANAIKRIYSS L
<b>Source</b>	E.coli
<b>Target Names</b>	Scg3
<b>Protein Names</b>	Recommended name: Secretogranin-3 Alternative name(s): 1B1075 Secretogranin III Short name= SgIII
<b>Expression Region</b>	23-471
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Target Details</b>	This protein is a member of the chromogranin/secretogranin family of neuroendocrine secretory proteins. Granins 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. Two transcript variants encoding different isoforms have been found for this gene.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life



of lyophilized form is 12 months at -20°C/-80°C.