

RPF859Hu01 100µg Recombinant Secretogranin II (SCG2) Organism Species: *Homo sapiens (Human) Instruction manual* 

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

# Coud-Clone Corp.

### [PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Gln31~Met617

Tags: N-terminal His Tag

Subcellular Location: Secreted

**Purity:** > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 500mM NaCl, pH8.0, containing 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 4.7

Predicted Molecular Mass: 71.5kDa

Accurate Molecular Mass: 72kDa as determined by SDS-PAGE reducing conditions.

#### [ <u>USAGE</u> ]

Reconstitute in  $ddH_2O$  to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### [ STORAGE AND STABILITY ]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

#### [SEQUENCE]

## Cloud-Clone Corp.

			QRNQLLQKEP	DLRLENVQKF
PSPEMIRALE	YIENLRQQAH	KEESSPDYNP	YQGVSVPLQQ	KENGDESHLP
ERDSLSEEDW	MRIILEALRQ	AENEPQSAPK	ENKPYALNSE	KNFPMDMSDD
YETQQWPERK	LKHMQFPPMY	EENSRDNPFK	RTNEIVEEQY	TPQSLATLES
VFQELGKLTG	PNNQKRERMD	EEQKLYTDDE	DDIYKANNIA	YEDVVGGEDW
NPVEEKIESQ	TQEEVRDSKE	NIEKNEQIND	EMKRSGQLGI	QEEDLRKESK
DQLSDDVSKV	IAYLKRLVNA	AGSGRLQNGQ	NGERATRLFE	KPLDSQSIYQ
LIEISRNLQI	PPEDLIEMLK	TGEKPNGSVE	PERELDLPVD	LDDISEADLD
HPDLFQNRML	SKSGYPKTPG	RAGTEALPDG	LSVEDILNLL	GMESAANQKT
SYFPNPYNQE	KVLPRLPYGA	GRSRSNQLPK	AAWIPHVENR	QMAYENLNDK
DQELGEYLAR	MLVKYPEIIN	SNQVKRVPGQ	GSSEDDLQEE	EQIEQAIKEH
LNQGSSQETD	KLAPVSKRFP	VGPPKNDDTP	NRQYWDEDLL	MKVLEYLNQE
KAEKGREHIA	KRAMENM			

### [IDENTIFICATION]

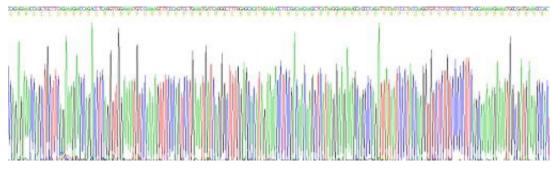


Figure . Gene Sequencing (extract)

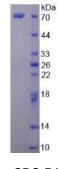


Figure. SDS-PAGE

#### [<u>IMPORTANT NOTE</u>]



The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.