

Datasheet for ABIN7586082

## SCG2 Protein (AA 31-619) (His tag)



[Go to Product page](#)

### Overview

Quantity:	100 µg
Target:	SCG2
Protein Characteristics:	AA 31-619
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCG2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	<p>QRNQLLQKEP DLRLENVQKF PSPEMIRALE YIEKLRQQAHA REESSPDYNP YQGIVSVPLQL</p> <p>KENGEEESHLA ESSRDVLSDE EWMRIILEAL RQAENEPPSA LKENKPYALN LEKNFPVDTP</p> <p>DDYETQQWPE RKLKHMRFPL MYEENSRENPK FRTNEIVEE QYTPQSLATL ESVFQELGKL</p> <p>TGPSNQKRER VDEEQKLYTD DEDDVYKTNN IAYEDVVGGE DWSPMEEKIE TQTQEEVRDS</p> <p>KENTEKNEQI NEEMKRSGHL GLPDEGNRKE SKDQLSEDAK KVITYLRRLV NAVGSGRSQS</p> <p>GQNGDRAARL LERPLDSQSI YQLIEISRNK QIPPEDLIEM LKAGEKPNGL VEPEQDLELA</p> <p>VDLDDIPEAD IDRPDMFQSK TSKGGYPKA PGRGMMEALP DGLSVEDILN VLGMENTVANQ</p> <p>KSPYFPNQYS RDKALLRLPY GPGKSRANQI PKVAWIPDVE SRQAPYDNLN DKDQELGEYL</p> <p>ARMLVKYPEL MNTNQLKRVP SPGSSDDLQ EEEQLEQAIK EHLGQGSSQE MEKLAKVSKR</p> <p>IPAGSLKNED TPNRQYLDED MLLKVLEYLN QEQAEGGREH LAKRAMENM</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

## Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

## Target Details

Target: SCG2

Alternative Name: Secretogranin-2 (Scg2) ([SCG2 Products](#))

Background: Recommended name: Secretogranin-2.  
Alternative name(s): Chromogranin-C Secretogranin II.  
Short name= SgII Cleaved into the following chain: 1.  
Secretoneurin.  
Short name= 2.  
SN

UniProt: [P10362](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to

## Handling

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one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.