

Secretogranin II Recombinant Protein | SCG2 recombinant protein

Recombinant Secretogranin II (SCG2)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA143964	E.coli	Homo sapiens (Human)	Western Blot, SDS-Page

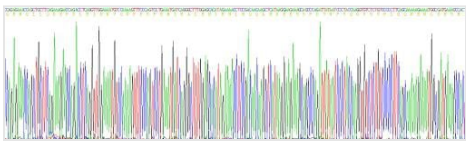
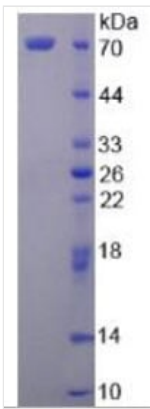
PRODUCT SYNONYMS

Secretogranin II; Recombinant Secretogranin II (SCG2); SCG2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	20mM Tris, 500mM NaCl, pH8.0, containing 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Sequence	QRNQLQKEP DLRLNVQKF PSPMIRALE YIENLRQQAHHKESSPDYNP YQGVSVPLQQ KENGDESHLP ERDSLSEEDW MRIILEALRQ AENEPQSAPK ENKPYALNSE KNFPMDSDD YETQQWPERK LKHMQFPPMY EENSRDNPFK RTNEIVEEQY TPQSLATLES VFQELGKLTG PNNQKRERMD EEQKLYTDE DDIYKANNIA YEDVVGGEDW NPVEEKIESQ TQEEVRDSKE NIEKNEQIND EMKRSGQLGI QEEDLRKESK DQLSDDVSKV IAYLKRLVNA AGSGRLQNGQ NGERATRLFE KPLDSQSIYQ LIEISRNLIQI PPEDLIELMK TGEKPNGSVE PERELDLPVD LDDISEADLD HPDLFQNRML SKSGYPKTPG RAGTEALPDG LSVEDILNLL GMESAAHQKT SYFPNPYNQE KVLPRLPYGA GRSRSNQLPK AAWIPHVENR QMAYENLNDK DQELGEYLAR MLVKYPEIIN SNQVKRVPQG GSSEDDLQEE EQIEQAIKEH LNQGSSQETD KLAPVSKRFP VGPPKNDDTP NRQYWDEDLL MKVLEYLNQE KAEKGREHIA KRAMENM
Applicable Applications for SCG2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Gln31~Met617
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	4.7
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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.

IMAGES



Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	338051
Molecular Weight	Predicted Molecular Mass: 71.5 kDa Accurate Molecular Mass: 72kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	secretogranin II
UniProt Protein Name	Secretogranin-2
UniProt Gene Name	SCG2
UniProt Synonym Gene Names	CHGC; SgII; SN
UniProt Entry Name	SCG2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/scg2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/143964>