

Recombinant Human SCG2 Protein

Catalog #	Source	Reactivity	Applications
CRP2238	Human cells	Human	E, WB, SDS-PAGE, MS

Description	Recombinant Human SCG2 Protein is produced by our mammalian expression system and the target gene encoding Ser29-Met617 is expressed with a 6His tag at the C-terminus.
Form	Lyophilized from a 0.2 μM filtered solution of 20mM PB, 150mM NaCl, pH 7.4.
Gene Symbol	SCG2
Alternative Names	CHGC; Secretogranin-2; Chromogranin-C; Secretogranin II; SgII
Entrez Gene	7857 (Human)
SwissProt	P13521 (Human)
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Chemical Structure	SFQRNQLLQK EPDLRLENVQ KFPSPMIRA LEYIENLRQQ AHKEESSPDY NPYQGVSVPL QQKENGDESH LPERDSLSEE DWMRIILEAL RQAENEPQSA PKENKPYALN SEKNFPM DMS DDYETQQWPE RKLKHMQFPP MYEENSRDNP FKRTNEIVEE QYTPQSLATL ESVFQELGKL TGPNNQKRER MDEEQKLYTD DEDDIYKANN IAYEDVVGGE DWNPVVEEKIE SQTQEEVRDS KENIEKNEQI NDEMKRSGQL GIQEEGLRKE SKDQLSDDVS KVIAYLKRLV NAAGSGRLQN GQNGERATRL FEKPLDSQSI YQLIEISRNL QIPPEDLIEM LKTGEKPNGS VEPERELDLP VLDLDDISEAD LDHPDLFQNR MLSKSGYPKT PGGAGTEALP DGLSVEDILN LLGMESAANQ KTSYFPNPYN QEKVLPRLPY GAGRSRSNQL PKAAWIPHVE NRQMAYENLN DKDQELGEYL ARMLVKYPEI INSNQVKRVP GQGSSEGLDQ EEEQIEQAIK EHLNQGSSQE TDKLAPVSKR FPVGPPKNDD TPNRQYWDED LLMKVLEYLN QEKAKEGREH IAKRAMENMV DHHHHHH
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not
Application key:	E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference
Species reactivity key:	H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

recommended to reconstitute to a concentration less than 100 µg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com