

## Recombinant Human PCSK9 Protein

Catalog #	Source	Reactivity	Applications
CRP2062	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human PCSK9 Protein is produced by our Mammalian expression system and the target gene encoding Gln31-Gln692 is expressed with a 6His tag at the C-terminus.

**Form** Liquid in a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, 20% Glycerol, pH7.4.

**Gene Symbol** PCSK9

**Alternative Names** NARC1; Proprotein convertase subtilisin/kexin type 9; Neural apoptosis-regulated convertase 1; NARC-1; Proprotein convertase 9; PC9; Subtilisin/kexin-like protease PC9

**Entrez Gene** 255738 (Human)

**SwissProt** Q8NBP7 (Human)

**Purity** Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

**Chemical Structure** QEDEDGDYEE LVLALRSEED GLAEAPEHGT TATFHRC AKD PWRLPGTYVV VLKEETHLSQ SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF AQSIPWNLER ITPPRYRADE YQPPDGGSLV EVYLLDTSIQ SDHREIEGRV MVTD FENVPE EDGTRFHRQA SKCD SHGTHL AGVVSGRDAG VAKGASM RSL RVLNCQ GKGT VSGTLIGLEF IRKSQ LVQP V GPLVLLPLA GGYSRVLNAA CQLR ARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQP VTLGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA HVAGIAAMML SAPELTLAE LRQLIH FSA KDVINEAWFP EDQRV LTPNL VAALPPSTHG AGWQLFCRTV WSAHSGPTRM ATAIARCAPD EELLSCSSFS RSGKRRGERM EAQGGKLVCR AHNAFGGEGV YAIARCCLLP QANCSVHTAP PAEASMGTRV HCHQQGHVLT

**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

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# Product Data Sheet

GCSSHWEVED LGTHKPPVLR PRGQPNQCVG HREASIHASC CHAPGLECKV KEHGIPAPQE  
QVTVACEEGW TLTGCSALPG TSHVLGAYAV DNTCVVRSRD VSTTGSTSEE AVTAVAICCR  
SRHLAQASQE LQHSHHHH

**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. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage/Stability**

Store it at -20°C to -80°C for one year.

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