

Recombinant Human PCSK9 Protein

Catalog #	Source	Reactivity	Applications
CRP2063	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 AVI 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 reducing SDS-PAGE.
Chemical Structure	<p>QEDEDGDYEE LVLALRSEED GLAEAPEHGT TATFHRC AKD PWRLPGTYVV VLKEETHLSQ SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF AQSI PWNLER ITPPRYRADE YQPPDGGSLV EVYLLDTSIQ SDHREIEGRV MVTFDFENVPE EDGTRFHRQA SKCD SHGTHL AGVVSGRDAG VAKGASM RSL RVLNCQ GKGT VSGTLIGLEF IRKSQ LVQPV GPLVLLPLA GGYSRVLNAA CQLR ARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVT LGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA HVAGIAAMML SAPELT LAE LRQRLIH FSA KDVINEAWFP EDQRVLT PNL VAALPPSTHG AGWQLFCRTV WSAHSGPTRM ATAIARCAPD EELLSCSSFS RSGKRRGERM EAQGGKLVCR AHNAFGGEGV YAIARCCLLP QANCSVHTAP PAEASMGTRV HCHQQGHVLT</p>

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 LQEFGGGLND IFEAQKIEWH E

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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