

Product Data Sheet

Recombinant Mouse PCSK9 Protein

Catalog #	Source	Reactivity	Applications
CRP2065	Human cells	M	E, WB, SDS-PAGE, MS
Description	Recombinant Mouse PCSK9 Protein is produced by Mammalian expression system and the target gene encoding Gln35-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	100102 (Mouse)		
SwissProt	Q80W65 (Mouse)		
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.		
Chemical Structure	QDEDGDYEEL MLALPSQEDG LADEAAHVAT ATFRRCCKEA WRLPGTYIVV LMEETQRLQI EQTAHRLQTR AARRGYVIKV LHIFYDLFPG FLVKMSSDLL GLALKLPHVE YIEEDSFVFA QSIPWNLERI IPAWHQTEED RSPDGSSQVE VYLLDTSIQG AHREIEGRVT ITDFNSVPPEE DGTRFHRQAS KCDSHGTHLA GVVSGRDAGV AKGTSLSLHSLR VLNCQGKGTG SGTLLGLEFI RKSQLIQPSG PLVVLLPLAG GYSRILNAAC RHLARTGVVL VAAAGNFRDD ACLYSPASAP EVITVGATNA QDQPVTLGTL GTNFGRCVDL FAPGKDIIGA SSDCSTCFMS QSGTSQAAAAH VAGIVARMLS REPTLTAEEL RQRLIHFSK DVINMAWFPE DQQVLTPNLV ATLPPSTHET GGQLLCRTVW SAHSGPTRTA TATARCAPEE ELLSCSSFSR SGRRRGDWIE AIGGQQVCKA LNAFGGEGVY AVARCCLVPR ANCSIHNTPA ARAGLETHVH CHQKDHVLGC SFHWEVEDLS		

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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VRRQPALRSR RQPGQCVGHQ AASVYASCCH APGLECKIKE HGISGPSEQV TVACEAGWTL
TGCNVLP GAS LTLGAYSVDN LCVARVHDTA RADRTSGEAT VAAAICCRSR PSAKASWVQH
HHHHH

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 recommended to reconstitute to a concentration less than 100 μg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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