

Recombinant Mouse PCSK9 Protein

Catalog #	Source	Reactivity	Applications
CRP2065	Human cells	Mouse	E, WB, SDS-PAGE, MS

Description	Recombinant Mouse PCSK9 Protein is produced by our 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	<p>QDEDGDYEEL MLALPSQEDG LADEAAHVAT ATFRRCCKEA WRLPGTYIVV LMEETQRLQI EQTAHRLQTR AARRGYVIKV LHIFYDLFPG FLVKMSSDLL GLALKLPHVE YIEEDSFVFA QSIPWNLERI IPAWHQTEED RSPDGSSQVE VYLLDTSIQG AHREIEGRVT ITDFNSVPEE DGTRFHRQAS KCDSHGTHLA GVVSGRDAGV AKGTSLSLHSLR VLNCQKGKTV SGTLLIGLEFI RKSQLIQPSG PLVLLPLAG GYSRILNAAC RHLARTGVVL VAAAGNFRDD ACLYSPASAP EVITVGATNA QDQPVTLGTL GTNFGRCVDL FAPGKDIIGA SSDCSTCFMS QSGTSQAAA H VAGIVARMLS REPTLTLAEL RQRLIHFKT DVINMAWFPE DQQVLTPLV ATLPPSTHET GGQLLCRTVW SAHSGPTRTA TATARCAPEE ELLSCSSF SRRRRGDWIE AIGGQQVCKA LNAFGGEGVY AVARCCLVPR ANCSIHNTPA ARAGLETHVH CHQKDHVLGC SFHWEVEDLS</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

VRRQPALRSR RQPGQCVGHQ AASVYASCCH APGLECKIKE HGISGPSEQV TVACEAGWTL
TGCNVLPGAS 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. 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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