

32-7807: Recombinant Macaca nemestrina PCSK9(C-6His)

Gene : PCSK9
Uniprot ID : A8T662

Description

Source: Human Cells.
MW :14&59kD.

Recombinant Rhesus Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln152&Ser153-Gln692 is expressed with a 6His tag at the C-terminus. Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) is a secretory subtilase belonging to the proteinase K subfamily. PCSK9 is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the ER , the pro domain and mature chain secrete together through noncovalent interactions. PCSK9 binds with low-density lipoprotein receptor (LDLR) and plays a major regulatory role in cholesterol homeostasis. PCSK9 also plays a role in the neural development.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 50mM HEPES,150mM NaCl,20%Glycerol,pH 7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : QEDEDGDYEELVLALRSEEDGLADAPEHGATATFHRCADKDPWRLPGTYVVVLKEETHRSQSERTARRLQAQA
ARRGYLTKILHVFHLLPGFLVKMSGDLLELALKLPVDYIEEDSSVFAQSIPWNLERITPARYRADEYQPPKGGG
LVEVYLLDTSIQSDHREIEGRVMVTDVFESVPEEDGTRFHRQASKCDSHGTHLAGVVSGRDAGVAKGAGLRSLR
VLNCQGGKTVSGTLIGLEFIRKSQLVQPVGPLVLLPLAGGYSRVFNACQRLARAGVVLVTAAGNFRDDACLY
SPASAEVITVGATNAQDQPVTGLTGTNFGRCVDLFAPGEDIIIGASSDCSTCFVSRSGTSQAAAHVAGIAAMM
LSAEPDLTAEELRQRLIHFSKDVINEAWFPEQQRVLTPLNVAALPPSTHRAGWQLFCRTVWSAHSGPTRMATA
VARCAQDEELLSCSSFSGKRRGERIEAQGGKRVCRANAFGGEGVYAIARCCLLPQVNCVHTAPPAGASM
GTRVHCHQGGHVLGTGSSHWVEDLGTHKPPVLRPRGQPNQCVGHREASIHASCCHAPGLECKVKEHGIPAP
QEQVIVACEDGWTLTGCSALPGTSHVLGAYVDNTECVVRSRDVSTTGSTSEEVAVAVAICCRSRHLVQASQEL
QHFFFFFF

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.