

32-7806: Recombinant Mouse Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 (C-6His)

Gene : Pcsk9
Gene ID : 100102
Uniprot ID : Q80W65

Description

Source: Human Cells.
MW :74.8kD.

Recombinant Mouse Proprotein Convertase 9 is produced by our Mammalian expression system and the target gene encoding Gln35-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 neural development.

Product Info

Amount : 10 µg / 50 µg
Content : Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, pH 7.4.
Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Amino Acid : QDEDGDYEELMLALPSQEDGLADEAAHVATATFRRCSCKEAWRLPGTYIVVLMEETQRLQIEQTAHRLQTRAAR
RGYVIKVLHIFYDLFPGLVKMSSDLLGLALKLPHVEYIEEDSFVFAQSIPWNLERIIPAWHQTEEDRSPDGSSQV
EYLLDTSIQGAHREIEGRVTITDFNSVPEEDGTRFHRQASKCDSHGTHLAGVVSGRDAGVAKGTSLSLRLVNLN
CQKGTVSGTLIGLEFIRKSQLIQPSGPLVLLPLAGGYSRILNAACRHLARTGVVLAAGNFRDDACLYSPAS
APEVITVGATNAQDQPVTGLGTNFGRCVDLFPAGKDIIGASSDCSTCFMSQSGTSQAAAHVAGIVARMLSRE
PTLTLAELRQLIHFSKDVINMAWFPEDQQVLTPLNVLATLPPSTHETGGQLLCRTVWSAHS GPTRTATATARC
APEEELLSCSSFSRSGRRRGDWIEAIGGQVCKALNAFGGEGVYAVARCCLVPRANCSIHNTPAARAGLETHV
HCHQKDHVLTGCSFHWEVEDLSVRRQPALRSRRQPGQCVGHQAASVYASCCHAPGLECKIKEHGISGPSEQV
TVACEAGWTLTGCNVLP GASLTLGAYSVDNLCVARVHDTARADRTSGEATVAAAICCRSRPSAKASVWQH
HHH

Application Note

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