

Biotinylated Recombinant Human PCSK9 (C-8His-HA-Avi)

Catalog No: CA85

Description	Biotinylated Recombinant Human Proprotein Convertase Subtilisin/Kexin Type 9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln692(Val474Ile,Gly670Glu) is expressed with a 8His, HA, Avi tag at the C-terminus.
Source	Human cells
Alternative name	Pancreatic Secretory Trypsin Inhibitor; Serine Protease Inhibitor Kazal-Type 1; Tumor-Associated Trypsin Inhibitor; TATI; SPINK1; PSTI
Accession No.	Q8NBP7
Mol Mass	14&62kDa
AP Mol Mass	18&58-70&90-150kDa, reducing conditions
Quality Control	Purity: greater than 95% as determined by reducing SDS-PAGE. Endotoxin: less than 0.1 ng/μg (1 EU/μg) Biotin:Protein Ratio: The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Formulation	Supplied as a 0.2 μm filtered solution of 50mM HEPES,150mM NaCl,20%Glycerol, pH 7.4.
Shipping	The product is shipped on dry ice pack. Upon receipt, store it immediately at the temperature listed below.
Storage	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Background	Human 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. Inhibition of PCSK9 function by preventing PCSK9/LDLR interaction is currently being explored as a means of lowering cholesterol levels. PCSK9 also binds to apolipoprotein receptor 2 (ApoER2), and play a role in the neural development.

SDS-PAGE

