

## Product datasheet for **TP727009**

### Rhesus Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant Macaca nemestrina PCSK9(C-6His)
<b>Species:</b>	Rhesus
<b>Expression cDNA Clone or AA Sequence:</b>	Gln31-Gln152&Ser153-Gln692
<b>Tag:</b>	C-His
<b>Buffer:</b>	Supplied as a 0.2 um filtered solution of 50mM HEPES, 150mM NaCl, 20% Glycerol, pH 7.4.
<b>Note:</b>	Recombinant Macaca nemestrina 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.
<b>Stability:</b>	12 months from date of despatch
<b>Summary:</b>	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.



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