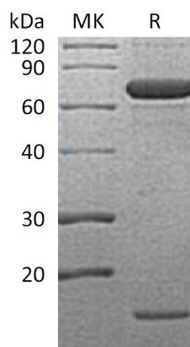


Product Name: Recombinant Human PCSK9 (D374Y,C-6His)
Catalog #: PHH1378

概述 (Summary)

英文全称	PCSK9/Proprotein Convertase 9 (Val474Ile,Gly670Glu,D374Y)
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Proprotein Convertase Subtilisin/Kexin Type 9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln692 (Asp374Tyr,Val474Ile, Gly504Arg, Gly670Glu) is expressed with a 6His tag at the C-terminus.
Accession #	Q8NBP7
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	15-18&60-80 KDa
蛋白形态 (Form)	Supplied as a 0.2 μm filtered solution of 50mM HEPES, 150mM NaCl, 20% Glycerol, pH 7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	

电泳图 (SDS-PAGE image)



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背景 (Background)

分子别名 (Alternative Names)

Proprotein Convertase Subtilisin/Kexin Type 9; Neural Apoptosis-Regulated Convertase 1; NARC-1; Proprotein Convertase 9; PC9; Subtilisin/Kexin-Like Protease PC9; PCSK9; NARC1

背景介绍 (References)

Recombinant Human Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 (D374Y) is a gain of function mutant of human PCSK9 protein. Human 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 are secreted together through noncovalent interactions. PCSK9 binds with low-density lipoprotein receptor (LDLR) and it 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.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.