

Active Recombinant Human PCSK9 protein(with mutation Asp 374 Tyr), His-tagged

Cat. No. PCSK9-312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PCSK9 protein(NP_777596.2, with mutation Asp 374 Tyr) (Met 1-Gln 692) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	1-692 aa, with mutation Asp 374 Tyr
Form	Lyophilized from sterile PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human PCSK9-His(D374Y)at 10 µg/ml (100 µl /well) can bind biotinylated LDLR-His, The EC50 of biotinylated LDLR-His is 20-60ng/ml.
Molecular Mass	The recombinant human PCSK9 consists 673 amino acids and predicts a molecular mass of 72.6 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> (76.6 + 19.4)% as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to

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aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

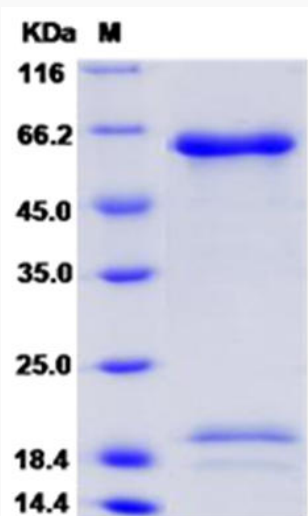
GENE INFORMATION

Gene Name	PCSK9 proprotein convertase subtilisin/kexin type 9 [Homo sapiens]
Official Symbol	PCSK9
Synonyms	PCSK9; proprotein convertase subtilisin/kexin type 9; HCHOLA3, hypercholesterolemia, autosomal dominant 3; FH3; NARC 1; NARC1; NARC-1; HCHOLA3;
Gene ID	353175
MIM	607786
UniProt ID	Q8NBP7

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SDS-PAGE

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