

PCSK9 R194A

(Human, His-tagged recombinant protein expressed in HEK 293 cells)

Cat# CY-R2333

Sterile condition
Lot No.
(100 µg/mL x 200 µL)

Product Description: PCSK9 binds to the LDL receptor *in vitro* and *in vivo*. Human PCSK9 R194A containing a C-terminal His-tag, expressed in HEK 293 cells. Reduction of binding activity to EGF-AB domain of LDL receptor, compared to wild type PCSK9, was confirmed by using CircuLex PCSK9-LDLR *in vitro* Binding Assay Kit (Cat# CY-8150). Purified by Ni-chelating chromatography. Unused PCSK9 R194A should be stored at -70°C.

Product Size: 100 µg/mL x 200 µL. The concentration of PCSK9 R194A was determined by CircuLex PCSK9 ELISA Kit (Cat# CY-8079) using purified PCSK9 Wild Type (Cat# CY-R2330) as a standard.

Formulation: The PCSK9 R194A is supplied frozen in PBS pH 7.2, 10 % glycerol.

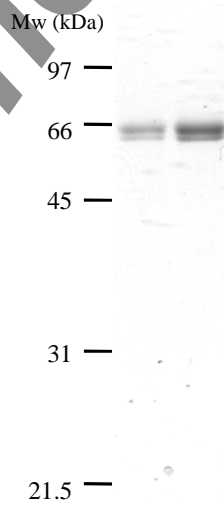
Source: Full length human PCSK9 having one mutation R194A, containing C-terminal His-tag, expressed in HEK 293 cells.

Molecular Weight: The PCSK9 R194A demonstrates 64 kDa (catalytic and C-terminal domain) and 16 kDa (prodomain) by SDS-PAGE analysis.

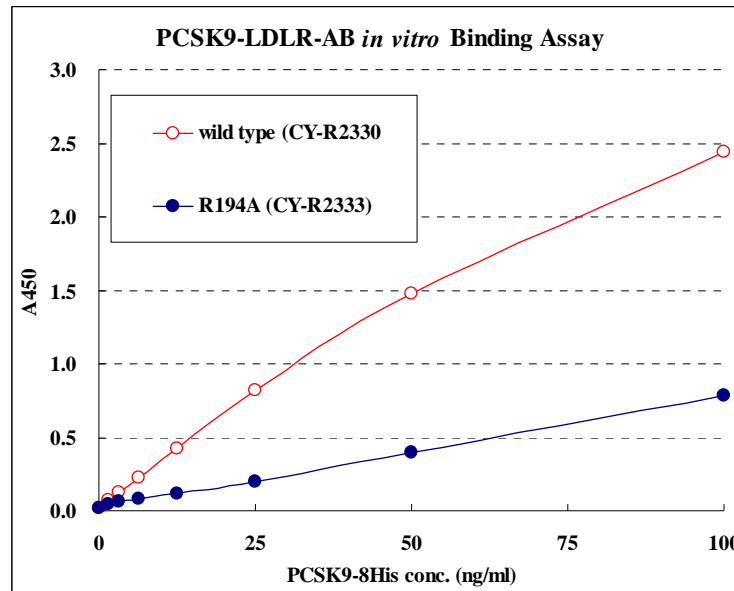
Purity: The PCSK9 R194A is greater than 95 % pure as determined by SDS-PAGE analysis.

Storage and Stability: Stable for 12 months at -70°C from date of shipment. Aliquot protein to avoid repeated freezing and thawing.

Fig.1 SDS-PAGE analysis of the PCSK9 R194A (CBB staining)



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Fig.2 Binding capability to EGF-AB domain of LDL receptor was confirmed by using CircuLex PCSK9-LDLR *in vitro* Binding Assay Kit (Cat# CY-8150).**General References:**

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Related Products:

- * CircuLex Mouse/Rat PCSK9 ELISA Kit: Cat# CY-8078
- * CircuLex Human PCSK9 ELISA Kit: Cat# CY-8079
- * CircuLex PCSK9-LDLR in vitro Binding Assay Kit: Cat# CY-8150
- * Anti-Human PCSK9 prodomain monoclonal antibody (KS-3C8): Cat# CY-M1032
- * Anti-Human PCSK9 monoclonal antibody (KS-4H12): Cat# CY-M1033
- * PCSK9 Wild Type in culture medium: Cat# CY-R2310
- * PCSK9 $\Delta(33-53)$ / Wild Type in culture medium: Cat# CY-R2320
- * PCSK9 D374Y in culture medium: Cat# CY-R2311
- * PCSK9 $\Delta(33-53)$ / D374Y in culture medium: Cat# CY-R2321
- * PCSK9 Wild Type/ $\Delta 53$ in culture medium: Cat# CY-R2320
- * PCSK9 Wild Type: Cat# CY-R2330
- * PCSK9 D374Y: Cat# CY-R2331
- * PCSK9 R194A: Cat# CY-R2333
- * LDLR EGF-AB domain: Cat# CY-R2340
- * LDLR EGF-AB domain, Myc-tagged: Cat# CY-R2341
- * LDLR EGF-AB domain H306Y: Cat# CY-R2342
- * LDLR EGF-AB domain H306Y, Myc-tagged: Cat# CY-R2343

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