

For Research Use Only, Not for use in diagnostic procedures

**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.

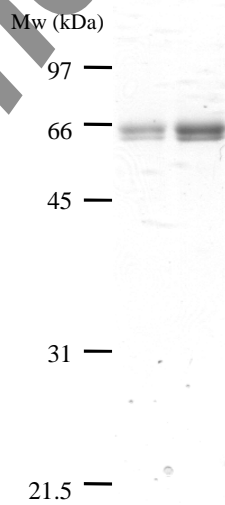
**Source:** Full length human PCSK9 having one mutation R194A, containing C-terminal His-tag, expressed in HEK 293 cells.

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

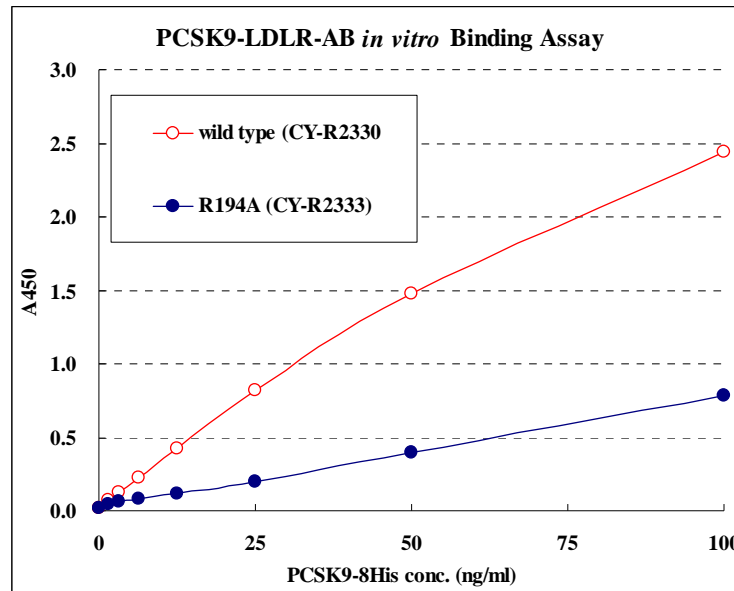
**Purity:** The PCSK9 R194A is greater than 95 % pure as determined by SDS-PAGE analysis.

**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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