

PCSK9 D374Y in culture medium (Human, His-tagged recombinant protein expressed in HEK 293 cells)

Cat# CY-R2311

Sterile condition

Lot No.

(25 µg/mL x 1 mL x 2)

Product Description: PCSK9 binds to the LDL receptor *in vitro* and *in vivo*. Human PCSK9 D374Y containing a C-terminal His-tag, expressed in HEK 293 cells. Binding capability to EGF-AB domain of LDL receptor was confirmed by using CircuLex PCSK9-LDLR *in vitro* Binding Assay Kit (CY-8150). The PCSK9 D374Y in culture medium might be used for LDLR degradation assay on HepG2 cell. Unused PCSK9 D374Y in culture medium should be stored at -70°C.

Product Size: 25 µg/mL x 1 mL x 2. The concentration of PCSK9 D374Y was determined by CircuLex PCSK9 ELISA Kit (CY-8079) using purified PCSK9 Wild Type (Cat# CY-R2330) as a standard.

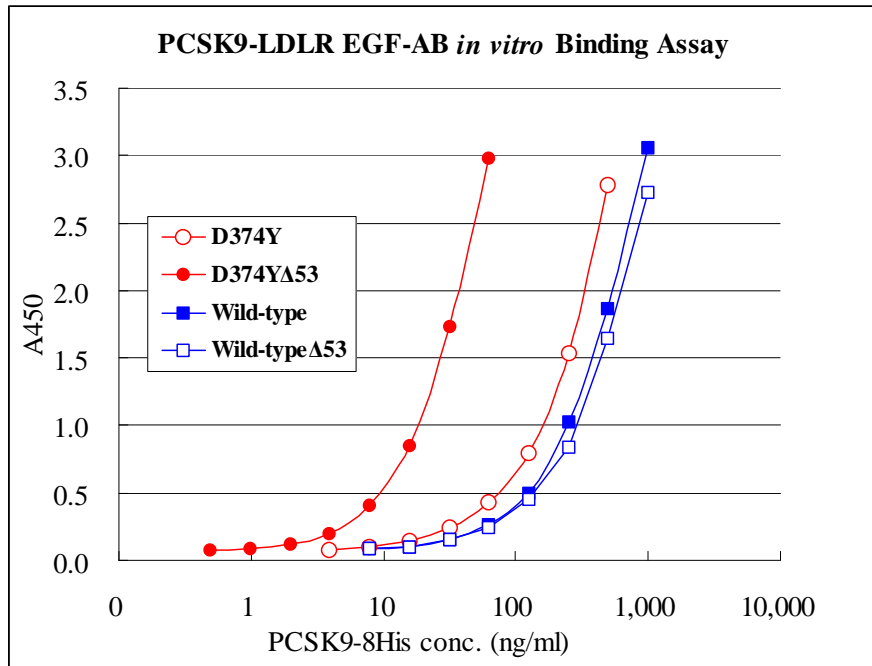
Formulation: The PCSK9 D374Y in culture medium is supplied frozen in DME, 10 %FCS and appropriate antibiotics in sterile condition.

Source: Full length human PCSK9 having one mutation D374Y, containing C-terminal His-tag, expressed in HEK 293 cells.

Molecular Weight: The PCSK9 D374Y in culture medium demonstrates 62 kDa (catalytic and C-terminal domain) and 16 kDa (prodomain band) by Western blot 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. Binding capability to EGF-AB domain of LDL receptor was confirmed by using CircuLex PCSK9-LDLR *in vitro* Binding Assay Kit (CY-8150)



General References:

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12. Hyock Joo Kwon*, Thomas A. Lagace†, Markey C. McNutt†, Jay D. Horton†‡, and Johann Deisenhofer (2008)) Proc Natl Acad Sci USA 105: 1820–1825.

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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