

PCSK9 D374Y**(Human, full length, recombinant protein expressed in HEK 293 cells)****Cat# CY-R2331****Lot No.**
Sterile condition
10 µg (- µg/mL x - µL)

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). Purified by Ni-chelating chromatography. Unused PCSK9 D374Y should be stored at -70°C.

Product Size: 10 µg. The concentration was determined by CircuLex PCSK9 ELISA Kit (CY-8079) using purified PCSK9 Wild Type (Cat# CY-R2330) as a standard.

Formulation: Supplied frozen in PBS pH 7.2, 10 % glycerol.

Source: Human PCSK9, full length, D374Y, containing a C-terminal His-tag, expressed in HEK 293 cells.

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

Purity: > 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 D374Y (CBB staining)

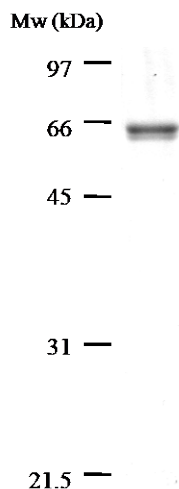
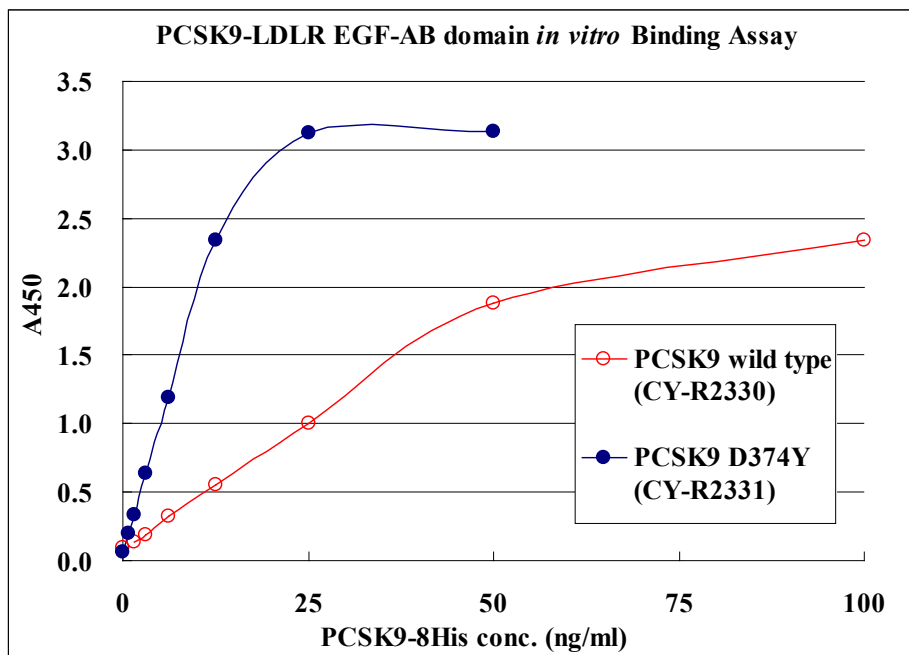


Fig.2 Binding capability to EGF-AB domain of LDL receptor was confirmed by using CircuLex PCSK9-LDLR *in vitro* Binding Assay Kit (CY-8150)



References:

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CircuLex[™]

PCSK9 D374Y
Product Data Sheet

For Research Use Only, Not for use in diagnostic procedures

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