

PRODUCT DATA SHEET

PCSK9 Human, Sheep Polyclonal Antibody

Cat. No.: RD184473100

Size: 0.1 mg

Source of Antigen: HEK293

Type: Polyclonal Antibody

Host: Sheep

Isotype: IgG

Other Names:

Proprotein convertase subtilisin/kexin type 9, PCSK9

Preparation:

The antibody was raised in sheep by immunization with the recombinant Human PCSK9.

Amino Acid Sequence of Immunogen:

The immunization antigen (72.4 kDa, calculated) is a protein containing 672 AA of recombinant Human PCSK9. C-terminal His-tag- 10 extra AA. UniProtKB acc. No. Q8NBP7 (Gln31–Gln692).

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QEDEDGDYEE LVLALRSEED GLAEAPDHGT TATFHRCAD PWRLPGTYVV VLKEETHLSQ
SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF
AQSIPWNLER ITPPRYRADE YQPPDGGSLV EVYLLDTSIQ SDHREIEGRV MVTDFENVPE
EDGTRFHRQA SKCDSHGTHL AGVVSGRDAG VAKGASMRL RVLNCQKGT VSGTLIGLEF
IRKSQLVQPV GPLVVLLPLA GGYSRVLNAA CQRLARAGVV LVTAAGNFRD DACLYSPASA
PEVITVGATN AQDQPVTLGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA
HVAGIAAMML SAEPELTLAE LRQRLIHFSA KDVINEAWFP EDQRLVLPNL VAALPPSTHG
AGWQLFCRTV WSAHSGPTRM ATAVARCAPD EELLSCSSF SSGKRRGERM EAQGGKLVCR
AHNAFGGEGV YAIARCCLLP QANCSVHTAP PAEASMGRV HCHQQGHVLT GCSSHWEEVD
LGTHKPPVLR PRGPNQCVG HREASIHASC CHAPGLECKV KEHGIPAPQE QTVACEEGW
TLTGCSALPG TSHVLGAYAV DNTCVVRSR VSTTGSTSEG AVTAVAICCR SRHLAQASQE
LQHSHHHHHH HH
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Purification Method:

Immunoaffinity chromatography on a column with immobilized recombinant Human PCSK9.

Species Reactivity:

Human. Not yet tested in other species.

Antibody Content:

0.1 mg (determined by BCA method, BSA was used as a standard)

Formulation:

The antibody is lyophilized in 0.05 M phosphate buffer, 0.1 M NaCl, pH 7.2.

Reconstitution:

Add 0.2 ml of deionized water and let the lyophilized pellet dissolve completely. Slight turbidity may occur after reconstitution, which does not affect activity of the antibody. In this case clarify the solution by centrifugation.

Shipping:

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

Storage/Stability:

The lyophilized antibody remains stable and fully active until the expiry date when stored at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles and store frozen at -80°C. Reconstituted antibody can be stored at 4°C for a limited period of time; it does not show decline in activity after one week at 4°C.

Quality Control:

Indirect ELISA – to determine titer of the antibody

SDS PAGE – to determine purity of the antibody

BCA - to determine quantity of the antibody

Applications:

ELISA

Note:

This product is for research use only.