

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 (highlighted). UniProtKB acc. No. Q8NBP7 (Gln31–Gln692).

QEDEDGDYEE LVLALRSEED GLAEAPEHGT TATFHRC AKD PWRLPGTYVV
VLKEETHLSQ SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV
DYIEEDSSVF AQSIPWNLER ITPPRYRADE YQPPDGGSLV EYLLDTSIQ SDHREIEGRV
MVTDFENVPE EDGTRFHRQA SKCDSHGTHL AGVVSGRDAG VAKGASMRS L
RVLNCQGKGT VSGTLIGLEF IRKSQLVQPV GPLVVLLPLA GGYSRVLNAA CQLARAGVV
LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVTLGT LGTNFGRCVD LFAPGEDIIG
ASSDCSTCFV SQSGTSQAAA HVAGIAAMML SAEPELTLAE LRQRLIHFS A KDVINEAWFP
EDQRVLTPNL VAALPPSTHG AGWQLFCRTV WSAHSGPTRM ATAVARCAPD
EELLSCSSFS RSGKRRGERM EAQGGKLVCR AHNAFGGEGV YAIARCCLLP
QANCSVHTAP PAEASMGTRV HCHQQGHVLT GCSSHWEVED LGTHKPPVLR
PRGQPNQCVG HREASIHASC CHAPGLECKV KEHGIPAPQE QTVACEEGW
TLTGCSALPG TSHVLGAYAV DNTCVVRSRD VSTTGSTSEG AVTAVAICCR SRHLAQASQE
LQH HHHHHHHH HH

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. **AZIDE FREE**.

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.