

PRODUCT DATA SHEET

PCSK9 Human, Rabbit Polyclonal Antibody

Cat. No.: RD181473100

Size: 0.1 mg

Source of Antigen: HEK293

Type: Polyclonal Antibody

Host: Rabbit

Isotype: IgG

Other Names:

Proprotein convertase subtilisin/kexin type 9, PCSK9

Preparation:

The antibody was raised in rabbits 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).

QEDEDGDYEE LVLALRSEED GLAEAPEHGT TATFHRC AKD PWRLPGTYVV VLKEETHLSQ
SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF
AQSIPWNLER ITPPRYRADE YQPPDGGSLV EYLLDTSIQ SDHREIEGRV MVTDFENVPE
EDGTRFHRQA SKCD SHGTHL AGVVSGRDAG VAKGASMRL RVLNCQKGKT VSGTLIGLEF
IRKSQLVQPV GPLVVLLPLA GGYSRVLNAA CQRLARAGVV LVTAAGNFRD DACLYSPASA
PEVITVGATN AQDQPVTLGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA
HVAGIAAMML SAEPELTLAE LRQRLIH FSA KDVINEAWFP EDQRVLT PNL VAALPPSTHG
AGWQLFCRTV WSAHSGPTRM ATAVARCAPD EELLSCSSF S RSGKRRGERM EAQGGKLVCR
AHNAFGGEGV YAIARCCLLP QANCSVHTAP PAEASMGTRV HCHQQGHVLT GCSSHWEVED
LGTHKPPVLR PRGQPNQCVG HREASIHASC CHAPGLECKV KEHGIPAPQE QTVACEEGW
TLTGCSALPG TSHVLGAYAV DNTCVVRSRD VSTTGSTSEG AVTAVAICCR SRHLAQASQE
LQHHHHHHHH 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.

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.