

Datasheet for ABIN7520427
PCSK9 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	PCSK9
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag.

Product Details

Purpose:	Active Recombinant Human PCSK9 Protein
Sequence:	QEDEDGDYEE LVLALRSEED GLAEAPHTGT TATFHRCAD PWRLPGTYVV VLKEETHLSQ SERTARRLQA QAARRGYLTK ILHVFHGLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF AQSIPWNLER ITPPRYRADE YQPPDGGSLV EVYLLDTSIQ SDHREIEGRV MVTDFENVPE EDGTRFHRQA SKCDSHGTHL AGVVSGRDAG VAKGASMRSL RVLNCQGKGT VSGTLIGLEF IRKSQVLQPV GPLVVLLPLA GGYSRVLNAA CQLARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVTLGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA HVAGIAAMML SAEPELTAE LRQLIHFSK KDVINEAWFP EDQRVLTPLN 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 LQ
Specificity:	Gln31-Gln692

Product Details

Purity:	> 92 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.
Biological Activity Comment:	Measured by its binding ability in a functional ELISA. Immobilized Human LDLR at 5µg/mL (100 µL/well) can bind Human PCSK9 with a linear range of 0.5-294.7ng/mL.

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
Background:	FH3, HCHOLA3, LDLCQ1, NARC-1, NARC1, PC9, PCSK9, FH3, proprotein convertase subtilisin/kexin type 9, HCHOLA3, LDLCQ1, NARC-1, NARC1, PC9
Gene ID:	255738
UniProt:	Q8NBP7

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Buffer:	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Storage:	-20 °C, -80 °C
Storage Comment:	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.