

Product datasheet

Recombinant Human PCSK9 protein ab153779

Description

Product name	Recombinant Human PCSK9 protein	
Purity	<p>> 95 % SDS-PAGE.</p> <p>ab153779 is greater than 95% pure, as determined by SEC-HPLC and reducing SDS-PAGE. It was lyophilized from an 0.2 µM filtered solution.</p>	
Endotoxin level	< 1.000 Eu/µg	
Expression system	HEK 293 cells	
Accession	Q8NBP7	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	<pre> QEDEDGDYEELVLALRSEEDGLAEAPEHGTTATFHRC AK DPWRLPGTYVV VLKEETHLSQSERTARRLQAQAARRGYLTKILHVFHGLLP GFLVKMSGDL LELALKLPHVDYIEEDSSVFAQSIPWNLERITPPRYRADEY QPPDGGSLV EVYLLDTSIQSDHREIEGRVMVTD FENVPEEDGTRFHRQA SKCDSHGTHL AGVVSGRDAGVAKGASMRSLRVLN CQKGTVSGTLIGLE FIRKSQLVQPV GPLVVLLPLAGGYSRVLNAACQRLARAGVVLVTAAGNFR DDACL YSPASA PEVITVGATNAQDQPVT LGTLGTNFGRCVDL FAPGEDIIGA SSDCSTCFV SQSGTSQAAAHVAGIAAMMLSAEPELTLAELRQRLIH FSA KDVINEAWFP EDQRVLT PNLVAALPPSTHGAGWQLFCRTVWSAHS GPT RMATAVARCAPD EELLSCSSFSRSGKRRGERMEAQGGKLV CRAHNAFGGE GVYAIARCCLLP QANCSVHTAPPAEASMGTRVHCHQQGHVLTGCSSHWEV EDLGTHKPPVLR PRGQPNQCVGHREASIHASCCHAPGLECKVKEHGIPAPQ EQVTVACEEGW </pre>	

TLTGCSALPGTSHVLGAYAVDNTCVVRSRDVSTTGSTSE
GAVTAVAICCR SRHLAQASQELQ

Predicted molecular weight	71 kDa
Amino acids	31 to 692
Tags	His tag C-Terminus

Specifications

Our [Abpromise guarantee](#) covers the use of **ab153779** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE HPLC
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 7.40 Constituents: 1.19% HEPES, 0.88% Sodium chloride
------------------------------	---

General Info

Function	May be implicated in the differentiation of cortical neurons and may play a role in cholesterol homeostasis.
Tissue specificity	Expressed in neuro-epithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells.
Involvement in disease	Defects in PCSK9 are the cause of familial hypercholesterolemia 3 (FH3) [MIM:603776]. FH3 inheritance is autosomal dominant.
Sequence similarities	Belongs to the peptidase S8 family. Contains 1 peptidase S8 domain.
Post-translational modifications	The soluble zymogen undergoes autocatalytic intramolecular processing in the endoplasmic reticulum, resulting in the cleavage of its propeptide that remains associated with the secreted enzyme.
Cellular localization	Secreted.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors