

Product datasheet

Recombinant Rat PCSK9 protein (Tagged) ab271655

1 Image

Description

Product name Recombinant Rat PCSK9 protein (Tagged)

Purity >= 67 % SDS-PAGE.

Expression system HEK 293 cells

Accession [P59996](#)

Protein length Full length protein

Animal free No

Nature Recombinant

Species Rat

Sequence

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QDEDGDYEELMLALPSQEDSLVDEASHVATATFRCSKE
AWRLPGTYVVV
LMEETQRLQVEQTAHRLQTTWAARRGYVIVLHVFDLFGP
FLVKMSSDLL
GLALKLPHVEYIEEDSLVFAQSIPWNLRIIPAWQQTEEDS
SPDGSSQVE
VYLLDTSIQSGHREIEGRVTITDFNSVPEEDGTRFHRQASK
CDSHGTHLA
GVVSGRDAGVAKGTSLSLRLVLCQGGKTVSGTLIGLEFI
RKSQLIQPSG
PLVVLLPLAGGYSRILNTACQRLARTGVVLVAAAGNFRDD
ACLYSPASAP
EVITVGATNAQDQPVTLGTLGTNFGRCVDLDFAPGKDIIGAS
SDCSTCYMS
QSGTSQAAAHVAGVAMMLNRDPALTLAELRQLILFSTK
DVINMAWFPE
DQRVLTNPRVATLPPSTQETGGQLLCRTVWSAHS GPTRT
ATATARCAPEE
ELLSCSSF SRSGRRRGDRIE AIGGQQVCKALNAFGGEGV
YAVARCCLLPR
VNCSIHNTPAARAGPQTPVHCHQKDHVLTGCSFHWEVEN
LRAQQQPLLRS
RHQPGQCVGHQEASVHASCCHAPGLECKIKEHGIAGPAE
QVTVACEAGWT
LTGCNVLP GASLPLGAYSVDNVCVARIRDAGRADRTSEE
    
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Predicted molecular weight	76 kDa
Amino acids	31 to 691
Tags	His tag C-Terminus , Avi tag C-Terminus
Additional sequence information	Signal peptide removed.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab271655** 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
Form	Liquid

Preparation and Storage

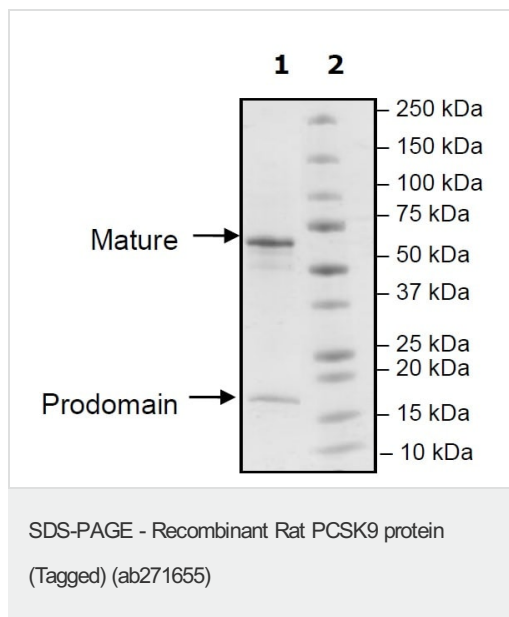
Stability and Storage	Shipped on Dry Ice. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituents: 0.63% Tris HCl, 0.64% Sodium chloride, 0.02% Potassium chloride, 0.04% Tween, 20% Glycerol (glycerin, glycerine)
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General Info

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.

Images

SDS-PAGE analysis of 4 µg ab271655.



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