

**RPE189Mu01 100 µg**

**Recombinant Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Ser156~Gln694

**Tags:** N-terminal His and GST Tag

**Subcellular Location:** Cytoplasm

**Purity:** > 97%

**Traits:** Freeze-dried powder

**Buffer formulation:** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose

**Original Concentration:** 200µg/mL

**Applications:** Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

**Predicted isoelectric point:** 7.51

**Predicted Molecular Mass:** 87.3kDa

**Accurate Molecular Mass:** 87.3kDa as determined by SDS-PAGE reducing conditions.

**[ USAGE ]**

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

**[ STORAGE AND STABILITY ]**

**Storage:** Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

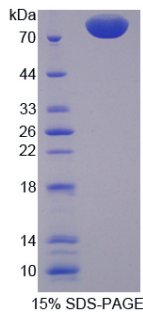
Aliquot and store at -80°C for 12 months.

**Stability Test:** The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**[ SEQUENCE ]**

SIPWN LERIIPAWHQ TEEDRSPDGS  
 SQVEVYLLDT SIQGAHREIE GRVTITDFNS VPEEDGTRFH RQASKCDSHG THLAGVVSGR  
 DAGVAKGTSL HSLRVLNCQG KGTVSGTLIG LEFIRKSQLI QPSGPLVLL PLAGGYSRIL  
 NAACRHLART GVVLVAAAAGN FRDDACLYSP ASAPEVITVG ATNAQDQPVT LGTLGTNFGR  
 CVDLFAPGKD IIGASSDCST CFMSQSGTSQ AAAHVAGIVA RMLSREPTLT LAELRQRLIH  
 FSTKDVINMA WFPEDQQVLT PNLVATLPPS THETGGQLL RTVWSAHS GP TRTATATARC  
 APFEEELLS CS SFSRSGRRRG DWIEAIGGQQ VCKALNAFGG EGVYAVARCC LVFRANCSIH  
 NTPAARAGLE THVHCHQKDH VLTGCSFHWE VEDLSVRRQP ALRSRRQPGQ CVGHQAASVY  
 ASCCHAPGLE CKIKEHGIGS PSEQVTVACE AGWTLTGCNV LPGASLTLGA YSVDNLCVAR  
 VHDTARADRT SGEATVAAAI CCRSRPSAKA SWVQ

**[ IDENTIFICATION ]**



**[ IMPORTANT NOTE ]**

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.