YBE189Mu01 100μg

Recombinant Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

[PROPERTIES]

Residues: Ser156~Gln694

Tags: Two N-terminal Tags, His-tag and GST-tag

Accession: Q80W65

Host: *E. coli*

Subcellular Location: Cytoplasm. Secreted.

Endosome. Lysosome. Cell surface.

Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

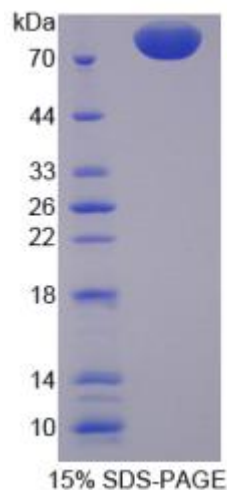**Predicted isoelectric point: 7.5**

Predicted Molecular Mass: 87.3kDa

Applications: SDS-PAGE; WB; ELISA; IP.

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

15% SDS-PAGE

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

SIPWN LERIIPAWHQ TEEDRSPDGS SQ VEVYLLDT SIQGAHREIE GRVTITDFNS
VPEEDGTRFH RQASKCDSHG THLAGVVSGR DAGVAKGTSL HSLRVLNCQG KGTVSGTLIG
LEFIRKSQLI QPSGPLVVLL PLAGGYSRIL NAACRHLART GVVLVAAAGN FRDDACLYSP
ASAPEVITVG ATNAQDQPVT LGTLGTNFGR CVDLFAPGKD IIGASSDCST CFMSQSGTSQ
AAAHVAGIVA RMLSREPTLT LAELRQRLIH FSTKDVINMA WFPEDQQVLT PNLVATLPPS
THETGGQLLC RTVWSAHSGP TRTATATARC APEEELLSCS SFSRSGRRRG DWIEAIGGQQ
VCKALNAFGG EGVYAVARCC LVPRANCSIH NTPAARAGLE THVHCHQKDH VLTGCSFHWE
VEDLSVRRQP ALRSRRQPGQ CVGHQAASVY ASCCHAPGLE CKIKEHGISG PSEQVTVACE
AGWTLTGCNV LPGASLTLGA YSVDNLCVAR VHDTARADRT SGEATVAAAI CCRSRPSAKA
SWVQ