

Recombinant Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) Instruction Manual

SIPE934Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Lysosome, Golgi apparatus, Endoplasmic reticulum lumen
Predicted Molecular Mass	25.4kDa
Accurate Molecular Mass	32kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln454~Cys679 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	7.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QLFCRTV WSAHSGPTRM ATAVARCAPD EELLSCSSF S RSGKRRGERM  
EAQGKLVCR AHNAFGGEGV YAIARCCLLP QANCSVHTAP PAEASMGTRV  
HCHQQGHVLT GCSSHWEVED LGTHKPPVLR PRGQPNQCVG HREASIHASC  
CHAPGLECKV KEHGIPAPQE QTVACEEGW TLTGCSALPG TSHVLGAYAV  
DNTCVVRSRD VSTTGSTSEG AVTAVAICC
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

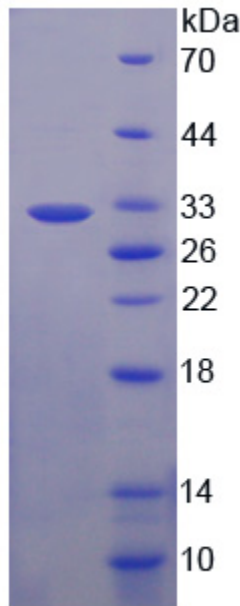
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



15% SDS-PAGE

SDS-PAGE Image

[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.