

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

SIPE934Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Lysosome, Cytoplasm, Endoplasmic reticulum lumen
Predicted Molecular Mass	34.2kDa
Accurate Molecular Mass	37kDa(Analysis of differences refer to the manual)
Residues & Tags	Trp156~Trp461 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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WNLER ITPPRYRADE YQPPDGGSLV EVYLLDTSIQ SDHREIEGRV
MVTDFENVPE EDGTRFHRQA SKCDSHGTHL AGVVSGRDAG VAKGASMRSL
RVLNCQKGKT VSGTLIGLEF IRKSQLVQPV GPLVLLPLA GGYSRVLNAA
CQRLARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVTLGT
LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SQSGTSQAAA HVAGIAAMML
SAEPELTLAE LRQLIHFSK KDVINEAWFP EDQRVLT PNL VAALPPSTHG
AGWQLFCRTV W
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USAGE

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

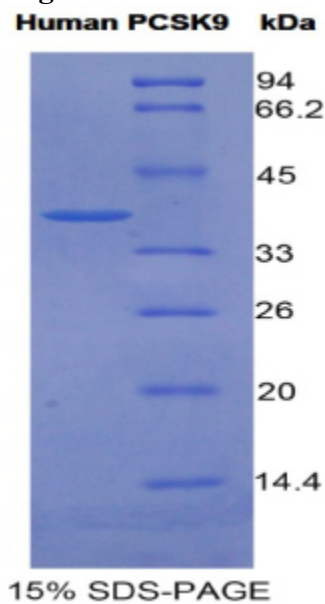
STORAGE

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



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.