

Recombinant Proprotein Convertase Subtilisin/Kexin Type 5 (PCSK5) Instruction Manual

SIPE499Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	40.8kDa
Accurate Molecular Mass	41kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp115~Met454 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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DYDFSR AQSTYFNDPK WPSMWYMHCS DNTHPCQSDM
NIEGAWKRGY TGKNIVVTIL DDGIERTHPD LMQNYDALAS CDVNGNDLDP
MPRYDASNEN KHGTRCAGEV AAAANNSHCT VGIAFNAKIG GVRMLDGDVT
DMVEAKSVSF NPQHVHIYSA SWGPDDDGKT VDGPAPLTRQ AFENGVRMGR
RGLGSVFWA SGNNGRSKDH CSCDGYTNSI YTISISSTAE SGKKPWYLEE
CSSTLATTYS SGESYDKKII TTDLRQRCTD NHTGTSASAP MAAGIIALAL
EANPFLTWRD VQHVIVRTSR AGHLNANDWK TNAAGFKVSH LYGFGLMDAE
AMVM
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USAGE

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

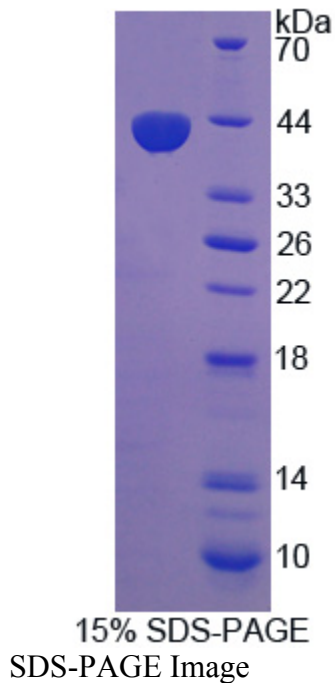
STORAGE

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



[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.

