

Eukaryotic Neprilysin (CD10)

Instruction Manual

SFPB627Hu61

Homo sapiens (Human)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	81.6kDa
Accurate Molecular Mass	100kDa(Analysis of differences refer to the manual)
Residues & Tags	Tyr52~Trp750 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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YDDGICKSS DCIKSAARLI QNMDATTEPC TDDFFKYACGG WLKRNVIPET
SSRYGNFDIL RDELEVVLKD VLQEPKTEDI VAVQKAKALY RSCINESAID
SRGGEPLLKL LPDIYGWPVA TENWEQKYGA SWTAEKAI AQ LNSKYGKKVL
INLFGVTDDK NSVNHVIHID QPRLGLPSRD YYECTGIYKE ACTAYVDFMI
SVARLIRQEE RLPIDENQLA LEMNKVMELE KEIANATAKP EDRNDPMLLY
NKMTLAQIQN NFSLEINGKP FSWLNFTNEI MSTVNISITN EEDVVVYAPE
YLTKLKPILT KYSARDLQNL MSWRFIMDLV SLSRPTYKES RNAFRKALYG
TTSETATWRR CANYVNGNME NAVGRLYVEA AFAGESKHVV EDLIAQIREV
FIQTLDDLTW MDAETKKRAE EKALAIKERI GYPDDIVSND NKLNNEYLEL
NYKEDEYFEN IIQNLKFSQS KQLKKLREKV DKDEWISGAA VVNAFYSSGR
NQIVFPAGIL QPPFFSAQQS NSLNYGGIGM VIGHEITHGF DDNGRNFNKD
GDLVDWWTQQ SASNFKEQSQ CMVYQYGNFS WDLAGGQHLN GINTLGENIA
DNGGLGQAYR AYQNYIKKNG EEKLLPGLDL NHKQLFFLNF AQVWCCTYRP
EYAVNSIKTD VHSPGNFRII GTLQNSAEFS EAFHCRKNSY MNPEKKCRVW
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

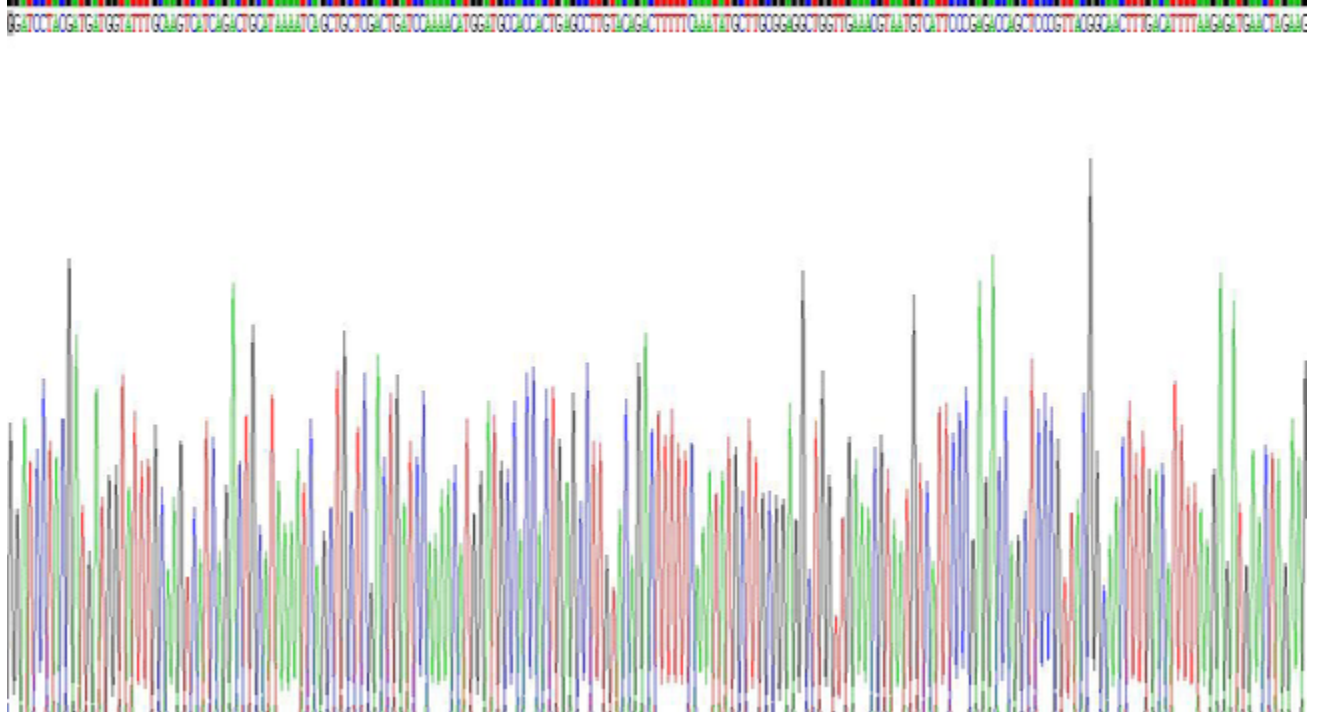


Figure. SDS-PAGE

[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.