Recombinant Transmembrane Protease, Serine 4 (TMPRSS4) Instruction Manual

SIPF182Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	46.1kDa
Accurate Molecular Mass	46kDa(Analysis of differences refer to the manual)
Residues & Tags	Lys54~Leu437 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.1
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

KVILDKY YFLCGQPLHF IPRKQLCDGE LDCPLGEDEE HCVKSFPEGP
AVAVRLSKDR STLQVLDSAT GNWFSACFDN FTEALAETAC RQMGYSSKPT
FRAVEIGPDQ DLDVVEITEN SQELRMRNSS GPCLSGSLVS LHCLACGKSL
KTPRVVGVEE ASVDSWPWQV SIQYDKQHVC GGSILDPHWV LTAAHCFRKH
TDVFNWKVRA GSDKLGSFPS LAVAKIIIIE FNPMYPKDND IALMKLQFPL
TFSGTVRPIC LPFFDEELTP ATPLWIIGWG FTKQNGGKMS DILLQASVQV
IDSTRCNADD AYQGEVTEKM MCAGIPEGGV DTCQGDSGGP LMYQSDQWHV
VGIVSWGYGC GGPSTPGVYT KVSAYLNWIY NVWKAEL

USAGE

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

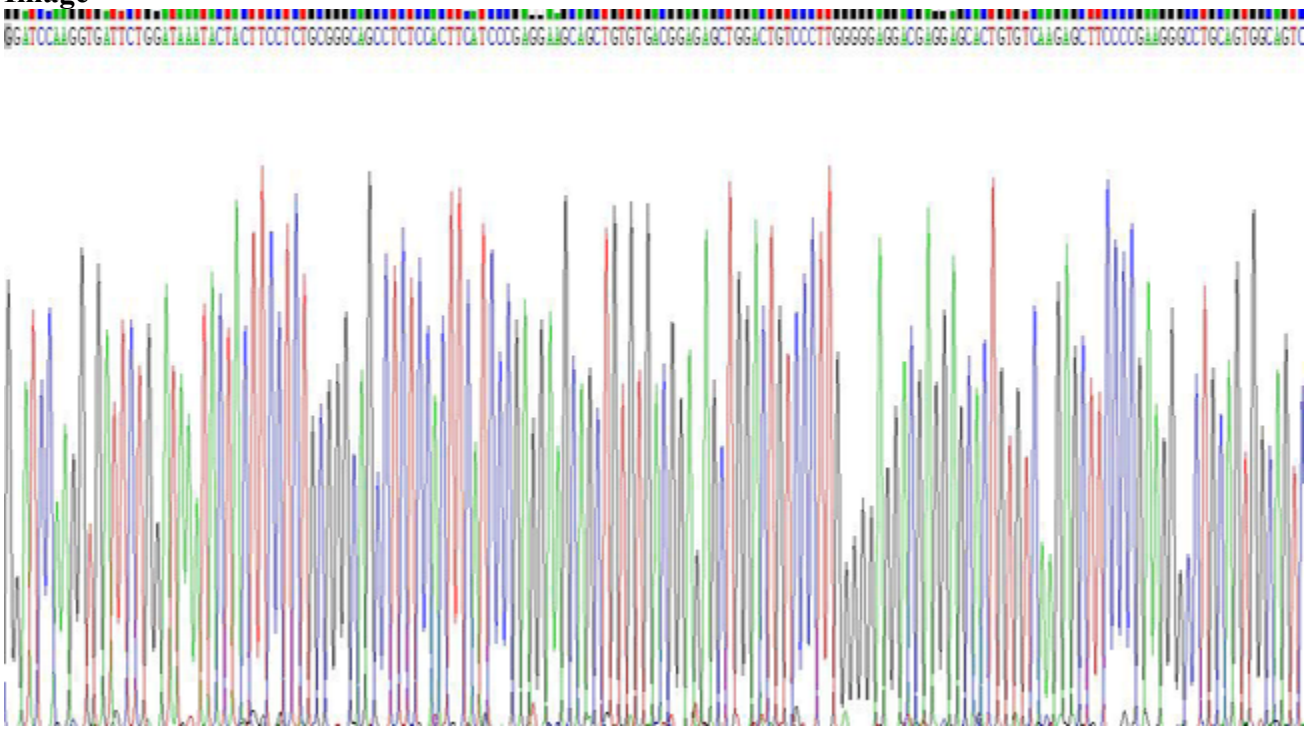
STORAGE

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.