

Recombinant Aminopeptidase A (ENPEP) Instruction Manual

SIPA898Hu01

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	30.7kDa
Accurate Molecular Mass	30kDa(Analysis of differences refer to the manual)
Residues & Tags	Glu718~Glu948 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	9.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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          EYF QGQVKPIADS LGWNDAGDHV TKLLRSSVLG
FACKMGDREA LNNASSLFEQ WLNGTVSLPV NLRLLVYRYG MQNSGNEISW
NYTLEQYQKT SLAQEKEKLL YGLASVKNVT LLSRYLDLLK DTNLIKTQDV
FTVIRYISYN SYGKNMAWNW IQLNWDYLVN RYTLNNRNLG RIVTIAEPFN
TELQLWQMES FFAKYPQAGA GEKPREQVLE TVKNNIEWLK QHRNTIRE
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USAGE

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

STORAGE

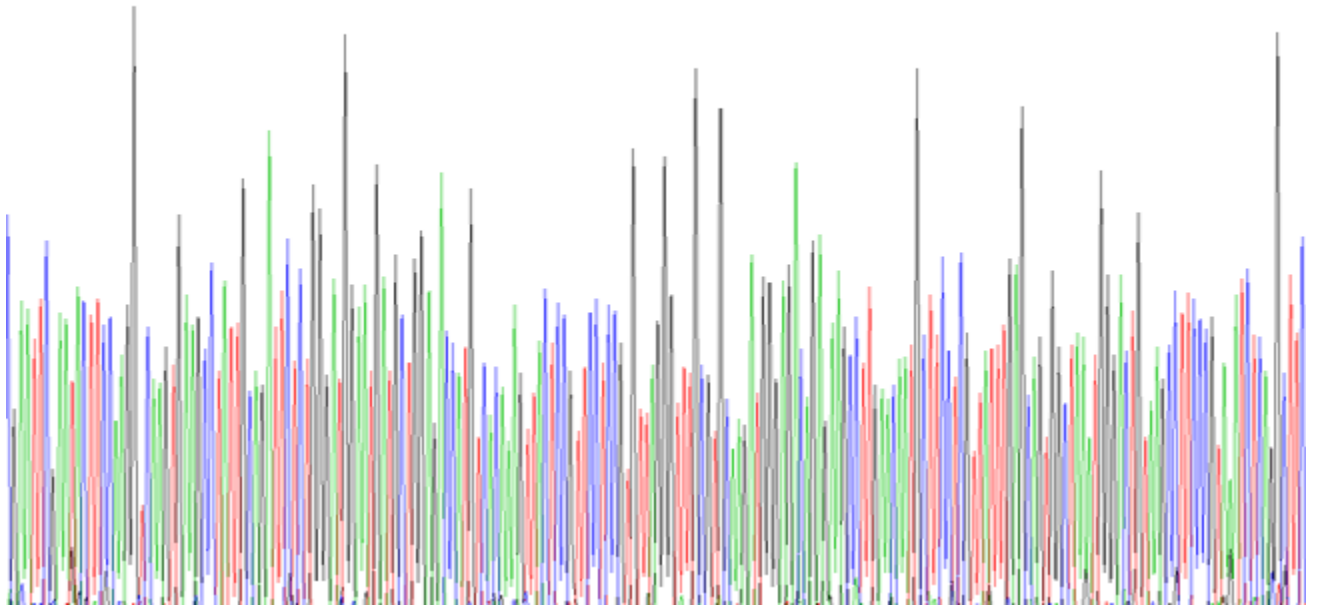
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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

ATTCGATTC TCCAGG TACGTG AAGCCTT TCGAATTC TGGG ATGG AAT TGC TGGAG ACCATG TCA AAGTAC TCGTTC TCGTGT TGGGT TCGTCA GATGGGAG CAGAGCC TTG AATGCT TCCCTG TATTTC ACGTGGCT TAA TGGGACTG TTAGCC TCGGTAATCTC AAGCTTC



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.