Recombinant Procollagen II C-Terminal Propeptide (PIICP) Instruction Manual

SIPA286Hu02

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	31.1kDa
Accurate Molecular Mass	34kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp1242~Leu1487 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	7.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

DQAAGGLRQ HDAEVDATLK SLNNQIESIR SPEGSRKNPA RTCRDLKLCH PEWKSGDYWI DPNQGCTLDA MKVFCNMETG ETCVYPNPAN VPKKNWWSSK SKEKKHIWFG ETINGGFHFS YGDDNLAPNT ANVQMTFLRL LSTEGSQNIT YHCKNSIAYL DEAAGNLKKA LLIQGSNDVE IRAEGNSRFT YTALKDGCTK HTGKWGKTVI EYRSQKTSRL PIIDIAPMDI GGPEQEFGVD IGPVCFL

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.

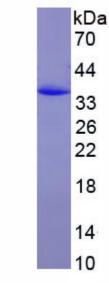


Figure. SDS-PAGE

[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.

Image