SunLong Biotech Co.,LTD
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Recombinant Klotho (KL)

Catalog Number: SIPH378Ra01 **Spec: 10ug**

Product Name	Recombinant Klotho (KL)
Catalog Number	SIPH378Ra01
Organism Species	Rat
Source	Prokaryotic expression
Host	E.coli
Residues	Leu517~Leu956
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.
Original Concentration	50μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.4
Predicted Molecular Mass	55kDa
Accurate Molecular Mass	55kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: 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.

[SEQUENCE]

LEGT FPCDFAWGVV DNYIQVDPTL SQFTDPNVYL
WDVHHSKRLI KVDGVVAKKR KPYCVDFSAI RPQITLLREM RVTHFRFSLD
WALILPLGNQ TQVNRTVLHF YRCMVSELVH ANITPVVALW QPATPHQGLP
HALAKHGAWE NPHTALAFAD YANLCFEELG HWVKFWITIN EPNSRNMTYR
AGHHLLKAHA LAWHLYDDKF RAAQKGKISI ALQVDWIEPA CPFSQKDKEV
AERVLEFDVG WLAEPIFGSG DYPHVMREWL NQKNNFLLPY FTEDEKKLIR
GSFDFLALSH YTTILVDWEK EDPIKYNDYL EVQEMTDITW LNSPNQVAVV
PWGLRKALNW LRFKYGDLPM FVTANGIDDD PHAEQDSLRM YYIKNYVNEA
LKAYVLDGIN LCGYFAYSLS DRSVPKSGFY RYAANQFEPK PSIKHYRKII
DNNGFL

[IDENTIFICATION]

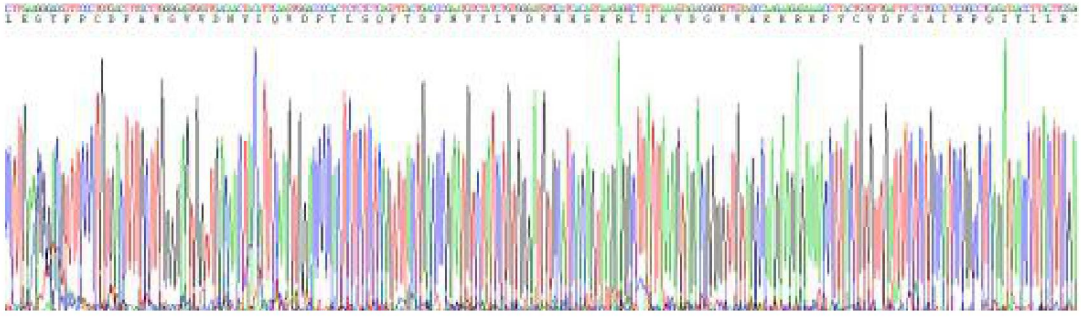


Figure . Gene Sequencing (extract)

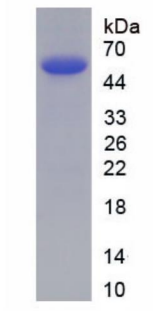


Figure. SDS-PAGE

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[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.