SunLong Biotech Co.,LTD
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Recombinant Klotho (KL)

Catalog Number: SIPH378Mu02 **Spec: 100ug**

Product Name	Recombinant Klotho (KL)
Catalog Number	SIPH378Mu02
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Leu59~Phe508
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Purity	> 90%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Original Concentration	400μg/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	8.3
Predicted Molecular Mass	52.7kDa
Accurate Molecular Mass	53kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 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

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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]

LH DTFPDGFLWA VGSAAYQTEG GWRQHGKGAS IWDTFTHHSG
AAPSDSPIVV APSGAPSPPL SSTGDVASDS YNNVYRDTEG LRELGVTHYR
FSISWARVLP NGTAGTPNRE GLRYYRRLLE RLRELGVQPV VTLYHWDLPQ
RLQDTYGGWA NRALADHFRD YAELCFRHFG GQVKYWITID NPYVVAWHGY
ATGRLAPGVR GSSRLGYLVA HNLLLAHAKV WHLYNTSFRP TQGGRVSIAL
SSHWINPRRM TDYNIRECQK SLDFVLGWFA KPIFIDGDYP ESMKNNLSSL
LPDFTESEKR LIRGTADFFA LSFGPTLSFQ LLDPNMKFRQ LESPNLRQLL
SWIDLEYNHP PIFIVENGWF VSGTTKRDDA KYMYYLKKFI METLKAIRLD
GVDVIGYTAW SLMDGFEWHR GYSIRRGLFY VDFLSQDKEL LPKSSALFYQ
KLIEDNGF

[IDENTIFICATION]

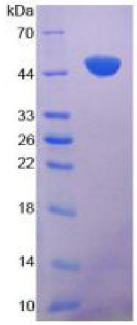


Figure. SDS-PAGE

[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.