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Recombinant Klotho (KL)

Catalog Number: SIPH378Mu01 **Spec: 50ug**

Product Name	Recombinant Klotho (KL)
Catalog Number	SIPH378Mu01
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Pro516~Phe955
Tags	N-terminal His Tag
Subcellular Location	Membrane, Secreted
Purity	> 80%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 0.01% Sarcosyl, 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	6.8
Predicted Molecular Mass	54.8kDa
Accurate Molecular Mass	55&54kDa 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]

PLEGT FPCDFAWGVV DNYVQVDTTL SQFTDPNVYL
WDVHHSKRLI KVDGVVAKKR KPYCVDFSAI RPQITLLREM RVTHFRFSLD
WALILPLGNQ TQVNHTVLHF YRCMISELVH ANITPVVALW QPAAPHQGLP
HALAKHGAWE NPHTALAFAD YANLCFKELG HWVNLWITMN EPNTRNMTYR
AGHHLLRAHA LAWHLYDDKF RAAQKGKISI ALQADWIEPA CPFSQNDKEV
AERVLEFDIG WLAEPIFGSG DYPRVMRDWL NQKNNFLLPY FTEDEKKLVR
GSFDFLAVSH YTTILVDWEK EDPMKYNDYL EVQEMTDITW LNSPSQVAVV
PWGLRKVLNW LRFKYGDLPM YVTANGIDDD PHAEQDSLRI YYIKNYVNEA
LKAYVLDDIN LCGYFAYSLS DRSAPKSGFY RYAANQFEPK PSMKHYRKII
DSNGF

[IDENTIFICATION]

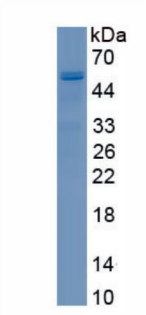


Figure. SDS-PAGE

[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.