

Recombinant Klotho (KL)

Catalog No.: TP10667

50µg

Sequence Information

Species: Human

Gene ID:9365

Swiss Prot:Q9UEF7

Synonyms: KLa; Klotho Alpha;KLOT

Residues:Ala33-Lys980

AEPGDGAQTWARFSRPPAPEAAGLFQGTFPDGF LWAVGSAAYQTEGGWQQHGKG
ASIWDTFTTHPLAPPGDSRNASLPLGAPSPLQPATGDVASDSYNNVFRDTEALR
ELGVTHYRFSISWARVLPNGSAGVPNREGLRYYRLLERLRELGVQPVVTLYHW
DLPQRLQDAYGGWANRALADHFRDYAELCFRHFGGQVKYWITIDNPYVVAWHGY
ATGRLAPGIRGSPRLGYLVAHNLLLAHAKVWHLYNTSFRPTQGGQVSIALSSHW
INPRMTDHSIKECQKSLDFVLGWFAPVFIDGDYPESMKNNLSSILPDFTESE
KKFIKGTADFFALCFGPTLSFQLLDPHMKFRQLESPNLRQLLSWIDLEFNHPQI
FIVENGWFSVGGTTKRDDAKYMYLKKFIMETLKAIKLDGVDVIGYTAWSLMDGF
EWHRGYSIRRGLFYVDFLSQDKMLLPKSSALFYQKLIENGFPLPENQPLEGT
FPCDFAWGVVDNYIQVDTTLSQFTDLNVYLWDVHHSKRLIKVDGVVTKKRKSYC
VDFAAIQPQIALLQEMHVTHFRFSLDWALILPLGNQSQVNHTILQYYRCMASEL
VRVNITPVVALWQPMAPNQGLPRLLARQGAWENPYTALAFAEYARLCFQELGHH
VKLWITMNEPYTRNMTYSAGHNLLKAHALAWHVYNEKFRHAQNGKISIALQADW
IEPACPFSSQKDKEVAERVLFEFDIGWLAEPFSGSDYPWVMRDWLNQRNNFLLPY
FTEDEKKLIQGTDFDLALSHYTTILVDSEKEDIKYNDYLEVQEMTDITWLNSP
SQVAVVPWGLRKVLNWLKFKYGDLPYIISNGIDDGLHAEDDQLRVYYMQNYIN
EALKAHILDGINLCGYFAYSFNDRTAPRFGLYRYAADQFEPKASMKHYRKIIDS
NGFPGPETLERFCPEEFTVCTECSFFHTRK

Product Information

Source: Eukaryotic expression.

Host: 293F cell

Tags: C-terminal His-Tag

Subcellular Location: Cell membrane.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and

Proclin300.

Original Concentration: 1000µg/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: 6.9

Predicted Molecular Mass: 113.4kDa

Accurate Molecular Mass: 125kDa 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 2-8°C for one month.

Aliquot and store at -80°C 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.

[IDENTIFICATION]

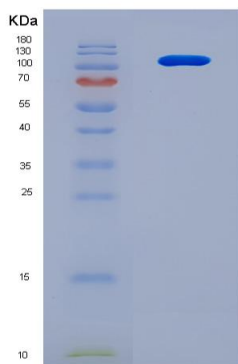


Figure 1. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.

