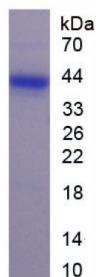


## Human Klotho (KL) Protein

Catalogue No.: abx654126



SDS-PAGE analysis of recombinant Human Klotho Protein.

Human Klotho (KL) Protein is a Recombinant Human protein expressed in E. coli.

**Target:** Klotho (KL)

**Origin:** Human

**Expression:** Recombinant

**Tested Applications:** WB, SDS-PAGE

**Host:** E. coli

**Conjugation:** Unconjugated

**Form:** Lyophilized

**Purity:** > 90%

**Reconstitution:** To keep the original salt concentration, we recommend reconstituting to the original concentration prior to lyophilization (see Concentration) in ddH<sub>2</sub>O. If a lower concentration is required, dilute in 20 mM Tris, 150 mM NaCl, pH 8.0. If a higher concentration is required, the product can be reconstituted directly in 20 mM Tris, 150 mM NaCl, pH 8.0, though please note that this will change the overall salt concentration. The stock concentration should be between 0.1-1.0 mg/ml. Do not vortex.

**Storage:** Store at 2-8 °C for up to one month. Store at -80 °C for up to one year. Avoid repeated freeze/thaw cycles.

**UniProt Primary AC:** Q9UEF7 ([UniProt](#), [ExPASy](#))

**Gene Symbol:** KL

**GeneID:** [9365](#)

# Datasheet

Version: 5.0.0  
Revision date: 29 Apr 2025



**OMIM:** [604824](#)

**HGNC:** 6344

**KEGG:** hsa:9365

**String:** [9606.ENSP00000369442](#)

**Molecular Weight:** Calculated MW: 39.2 kDa  
Observed MW (SDS-PAGE): 41 kDa

**Sequence Fragment:** Phe765-Ser981

**Sequence:** FGSGDY PWVMRDWLNQ RNNFLLPYFT EDEKKLIQGT FDFLALSHYT TILVDSEKED PIKYNDYLEV  
QEMTDITWLN SPSQVAVVPW GLRKVLNWLK FKYGDLPMYI ISNGIDDGLH AEDDQLRVYY  
MQNYINEALK AHILDGINLC GYFAYSFNDR TAPRFGLYRY AADQFEPKAS MKHYRKIDS  
NGFPGPETLE RFCPEEFTVC TECSFFHTRK S

**Tag:** N-terminal His tag and SUMO tag

**Buffer:** Prior to lyophilization: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 0.01% Sarcosyl, 5% Trehalose.

**Activity:** Not tested

**Concentration:** Prior to lyophilization: 200 µg/ml

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC  
OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.