

Klotho (KL) Recombinant Protein | KL recombinant protein

Recombinant Klotho (KL)

CATALOG # AAA134032	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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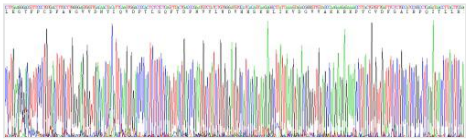
PRODUCT SYNONYMS

Klotho (KL); Recombinant Klotho (KL); KL recombinant protein

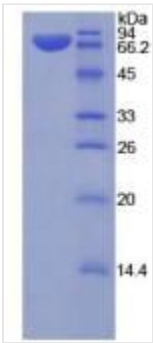
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLMDPM CLDAFPKLVC FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGDHPPK SDGSTSGSGH HHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTG GSGIEGRGS MGYRGSEF-L GNQTQVNRTV LHFYRCMVSE LVHANITPVV ALWQPATPHQ GLPHALAKHG AWENPHTALA FADYANLCFE ELGHWVKFWI TINEPNSRNM TYRAGHLLK AHALAWHLYD DKFRAAQKGK ISIALQVDWI EPACPFSSQKD KEVAERVLEF DVGWLAEPF GSGDYPHVMR EWLNQKNNFL LPYFTEDEKK LIRGSFDLA LSHYTTILVD WEKEDPIKYN DYLEVQEMTD ITWLNSPNQV AVVPWGLRKA LNWLRFKYGD LPMFVTANGI DDDPHAEQDS LRMYIKNYV NEALKAYVLD GINLCGYFAY SLSDRSVPKS GFYRYAANQF EPKPSIKHYR KIIDNNGFL
Sequence Length	1014
Applicable Applications for KL recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Rattus norvegicus (Rat)
Expression System	Prokaryotic expression
Residues	Leu517~Leu956 (Accession # Q9Z2Y9) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. The loss rate was determined by accelerated thermal degradation test,that is, incubate the protein at 37 degree C for 48h, and no obvious degradation andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is lessthan 5% within the expiration date under appropriate storage condition.

IMAGES



Application Data



SDS-PAGE

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LEGTFPCDFANGVV DNYIQVDPTL SQFTDPNVYL
WDVHHSKRLI KVDGVVAKKR KPYCVDFSAI RPQITLLREM RVTHFRFSLD
WALILPLGNQ TQVNRTVLHF YRCMVSELVH ANITPVVALW QPATPHQGLP
HALAKHGAW NPHTALAFAD YANLCFEELG HMAKFWITIN EPNSRNMTYR
AGHLLKAHA LAHLYDDKF RAAQKGKISI ALQVDWIEPA CPFSQKDKEV
AERVLEFDVG WLAEPFIGSG DYPHVMREWLNQKNFLLPY FTEDEKKLIR
GSFDFLALSH YTTILVDWEK EDPIKYNDYL EVQEMTDITW LNSPNQVAVV
PWGLRKALNW LRFKYGDLPN FVTANGIDDD PHAEQDSLRL YVIKNYVNEA
LKAYVLDGIN LCGVFAYSLS DRSVPKSGFY RYAANQFEPK PSIKHYRKII
DNNGFL
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	13786168
NCBI GeneID	83504
NCBI Accession #	NP_112626.1
NCBI GenBank Nucleotide #	NM_031336.1
UniProt Accession #	Q9Z2Y9
Molecular Weight	73.0kDa
NCBI Official Full Name	klotho
NCBI Official Synonym Full Names	Klotho
NCBI Official Symbol	KI
NCBI Protein Information	klotho
UniProt Protein Name	Klotho
UniProt Gene Name	KI
UniProt Entry Name	KLOT_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ki-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134032>