

Kallikrein 6 (KLK6) Recombinant Protein | KLK6 recombinant protein

Recombinant Kallikrein 6 (KLK6)

CATALOG # AAA134446	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Kallikrein 6 (KLK6); Recombinant Kallikrein 6 (KLK6); KLK6 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 TFGGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS -PPVQSRIVG GFNCEKNSQP WQVAVYRFTK YQCGGILLNA NWWLTAACH NDKYQVWLK NNFLEDEPSA QHRLVSKAIP HPDFNMSSLN EHTPQPEDDY SNDLMLRLK KPADITDVVK PIDLPTEEPK LGSTCLASGW GSITPVKYEY PDELQCVNLK LLPNEDCAKA HIEKVTDDML CAGDMDGGKD TCAGDSGGPL ICDGVLQGIT SWGPSPCGKP NVPGIYTRVL NFNTWIRETM AEND
Sequence Length	261
Applicable Applications for KLK6 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Pro19-Asp261 (Accession # P15947) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	5.6
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



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	31980868
NCBI GeneID	16612
NCBI Accession #	NP_034769.4
NCBI GenBank Nucleotide #	NM_010639.7
UniProt Accession #	P15947; Q61855
Molecular Weight	58.6kDa
NCBI Official Full Name	kallikrein-1
NCBI Official Synonym Full Names	kallikrein 1
NCBI Official Symbol	Klk1
NCBI Official Synonym Symbols	Kal; Klk6; mGk-6; Klk1b6; 0610007D04Rik
NCBI Protein Information	kallikrein-1; KAL-B; kallikrein 6; renal kallikrein; tissue kallikrein-6; true tissue kallikrein; glandular kallikrein K1; kallikrein renal/pancreas/salivary
UniProt Protein Name	Kallikrein-1
UniProt Gene Name	Klk1
UniProt Synonym Gene Names	Klk-6; Klk6; mGK-6
UniProt Entry Name	KLK1_MOUSE

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.