

Kallikrein 8 (KLK8) Recombinant Protein | KLK8 recombinant protein

Recombinant Kallikrein 8 (KLK8)

CATALOG # AAA134781	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Kallikrein 8 (KLK8); Recombinant Kallikrein 8 (KLK8); KLK8 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 TFGGDDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-ILEGREC IPHSQPWQAA LFQGERLIG GVLVGDRWVL TAAHCKKQKY SVRLGDHSLQ SRDQPEQEIQ VAQSIQHPCY NNSNPEDHSH DIMLIRLQNS ANLGDKVKPV QLANLCPKVG QKCIISGWT VTSPQENFPN TLNCAEVKIY SQNK CERAYP GKITEGMVCA GSSNGADTCQ GDSGGPLVCD GMLQGITSWG SDPCGKPEKP GYVTKICRYT T
Sequence Length	260
Applicable Applications for KLK8 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Mus musculus (Mouse)
Expression System	Prokaryotic expression
Residues	Ile33~Thr250 (Accession # Q61955) with two N-terminal Tags, His-tag and GST-tag
Subcellular Location	Secreted. Cytoplasm
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Predicted Isoelectric Point	6.4
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 #	6679487
NCBI GeneID	259277
NCBI Accession #	NP_032966.1
NCBI GenBank Nucleotide #	NM_008940.2
UniProt Accession #	Q61955; Q8K5D7
Molecular Weight	55.7kDa
NCBI Official Full Name	kallikrein-8
NCBI Official Synonym Full Names	kallikrein related-peptidase 8
NCBI Official Symbol	Klk8
NCBI Official Synonym Symbols	BSP1; Nrpn; Prss19
NCBI Protein Information	kallikrein-8; NP; mK8; neuropsin; kallikrein 8; serine protease 19; Brain Serine protease 1; protease, serine, 19 (neuropsin)
UniProt Protein Name	Kallikrein-8
UniProt Gene Name	Klk8
UniProt Synonym Gene Names	Nrpn; Prss19; mK8; NP
UniProt Entry Name	KLK8_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.

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Online datasheet: <https://stage.aaabiotech.com/klk8-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134781>