

Plasma kallikrein (Klk1) Recombinant Protein | Klk1 recombinant protein

Recombinant Rat Plasma kallikrein (Klk1), partial

CATALOG # AAA113953	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
-------------------------------	---

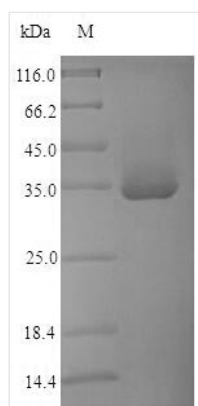
PRODUCT SYNONYMS

Plasma kallikrein (Klk1); Recombinant Rat Plasma kallikrein (Klk1); partial; Fletcher factor; Kininogenin; Plasma prekallikrein; Klk1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	391-638aa; Partial
Sequence	IVGGTNSSLG EWPWQVSLQV KLVSNHMC GSIIGRQWIL TAAHCFDGIP YPDVWRIYGG ILLNSEITNK TPFSSIKELI IHQKYKMS EG SYDIALIKLQ TPLNYTEFQK PICLPSKADT NTIYTNCWVT GWGYTKERGE TQNILQKATI PLVPNEECQK KYRDYVITKQ MICAGYKEGG IDACKGDSGG PLVCKHSGRW QLVGITSWGE GCARKEQPGV YTKVAEYIDW ILEKIQSSKE RALETSPA
Production Note	Special Offer: The Yeast host-expressed protein is manufactured from a stock plasmid containing the protein gene. Yeast host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The Yeast host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select Yeast host-expressed protein for the fastest delivery among all hosts. Please contact our or email to for more details.
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Klk1 recombinant protein	The enzyme cleaves Lys-Arg and Arg-Ser bonds. It activates, in a reciprocal reaction, factor XII after its binding to a negatively charged surface. It also releases bradykinin from HMW kininogen and may also play a role in the renin-angiotensin system by converting prorenin into renin.
---	--

References	Gene structure and chromosomal localization of plasma kallikrein.Beaubien G., Rosinski-Chupin I., Mattei M.-G., Mbikay M., Chretien M., Seidah N.G.Biochemistry 30:1628-1635(1991) The cDNA structure of rat plasma kallikrein.Seidah N.G., Ladenheim R., Mbikay M., Hamelin J., Lutfalla G., Rougeon F., Lazure C., Chretien M.DNA 8:563-574(1989)
------------	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	125186
NCBI GeneID	25048
UniProt Accession #	P14272
Molecular Weight	29.8 kDa
NCBI Official Full Name	Plasma kallikrein
NCBI Official Synonym Full Names	kallikrein B, plasma 1
NCBI Official Symbol	Klkb1
NCBI Official Synonym Symbols	Klk3; Kalp1; KALP15
NCBI Protein Information	plasma kallikrein
UniProt Protein Name	Plasma kallikrein
UniProt Gene Name	Klkb1
UniProt Synonym Gene Names	Klk3; Pk
UniProt Entry Name	KLKB1_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://www.aaabiotech.com/klkb1-recombinant-protein-e-coli/113953>