

Glandular kallikrein-7 Recombinant Protein | Klk7 recombinant protein

Recombinant Rat Glandular kallikrein-7, submandibular/renal

CATALOG # AAA113163	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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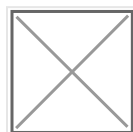
PRODUCT SYNONYMS

Glandular kallikrein-7; Recombinant Rat Glandular kallikrein-7; submandibular/renal; Esterase B; Kallikrein-related protein K1; Proteinase ARSKG-7; Tissue kallikrein; Klk7 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	25-261aa; Full Length
Sequence	VIGGYKCEKN SQPWQVALYS FTKYLCGGVL IDPSWVITAA HCSSNNYQVW LGRNNLEDE PFAQHRLVSQ SFPHDPYKPF LMRNHTRKPG DDHSNDLMLL HLSQPADITD GVKVIDLPTE EPKVGSTCLA SGWGSTKPLI WEFPDDLQCV NIHLLSNEKC IKAYKEKVTD LMLCAGELEG GKDTCTGDSG GPLLCDGVLQ GITSWGSPVC AKTNMPAIYT KLIKFTSWIK EVMKENP
Sequence Length	261
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 Klk7 recombinant protein	Glandular kallikreins cleave Met-Lys and Arg-Ser bonds in kininogen to release Lys-bradykinin. Predominant kallikrein protein in the kidney.
References	Molecular cloning and characterization of two rat renal kallikrein genes.Chen Y.-P., Chao J., Chao L.Biochemistry 27:7189-7196(1988) Characterization of serine proteinases isolated from rat submaxillary gland with special reference to the degradation of rat kininogens by these enzymes.Kato H., Nakanishi E., Enjyoji K., Hayashi I., Oh-Ishi S., Iwanaga S.J. Biochem. 102:1389-1404(1987) Substrate specificity of two kallikrein family gene products isolated from the rat submaxillary gland.Elmojahed A., Gutman N., Brillard M., Gauthier F.FEBS Lett. 265:137-140(1990) The expression of two kallikrein gene family members in the rat kidney.Brady J.M., MacDonald R.J.Arch. Biochem. Biophys. 278:342-349(1990)

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981132
NCBI GeneID	24523

NCBI Accession #	NP_036725.1
NCBI GenBank Nucleotide #	NM_012593.1
UniProt Accession #	P36373
Molecular Weight	30.3 kDa
NCBI Official Full Name	kallikrein 1
UniProt Protein Name	Glandular kallikrein-7, submandibular/renal
UniProt Gene Name	Klk7
UniProt Synonym Gene Names	Klk-7; rGK-7
UniProt Entry Name	KLK7_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/klk7-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113163>