

Prostate-specific antigen (KLK3) Recombinant Protein | KLK3 recombinant protein

Recombinant Macaca mulatta (Rhesus macaque) Prostate-specific antigen (KLK3)

CATALOG # AAA117742	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Prostate-specific antigen (KLK3); Recombinant Macaca mulatta (Rhesus macaque) Prostate-specific antigen (KLK3); KLK3 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 of the Mature Protein
Sequence	IVGGWECEKH SQPWQVLVAS RGRAVCGGVL VHPQWVLTAA HCIRSNSVIL LGRHNPPYYPE DTGQVFQVSH SFPHPLYNMS LLKNRYLGPG DDSSHDMLL RLSEPAEITD AVQVLDLPTW EPELGTTCTYA SGWGSIEPEE HLTPKKLQCV DLHIIISNDVC AQVHSQKVTK FMLCAGSWMG GKSTCSGDSG GPLVCDGVLQ GITSWGSQLPC ALPRRPSLYT KVVRYRKWIQ DTIMANP
Species	Macaca mulatta (Rhesus macaque)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for KLK3 recombinant protein	Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its protein product is a protease present in seminal plasma. It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the identification and monitoring of prostatic carcinoma. Alternate splicing of this gene generates several transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	112421199
NCBI GeneID	719444
NCBI Accession #	NP_001036241.1
NCBI GenBank Nucleotide #	NM_001042776.1
UniProt Accession #	P33619
Molecular Weight	28,816 Da
NCBI Official Full Name	prostate-specific antigen
NCBI Official Symbol	KLK3
NCBI Official Synonym Symbols	PSA

NCBI Protein Information	prostate-specific antigen
UniProt Protein Name	Prostate-specific antigen
UniProt Gene Name	KLK3
UniProt Synonym Gene Names	APS; PSA

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/klk3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117742>