

Recombinant Human Prostate-Specific Antigen//PSA/KLK3 Protein(Ala18-Pro261, C-6His)

Cat.NO.: TP05993

3th Edition

Synonyms:Prostate-Specific Antigen; PSA; Gamma-Seminoprotein; Seminol; Kallikrein-3; P-30 Antigen; Semenogelase; KLK3; APS

Description: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 members of the Kallikrein subfamily located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.

Form:PBS

Molecular Weight:27.9 kDa

Sequences:Ala18-Pro261

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.