
Recombinant human PSA protein, C-His (HEK293)

Catalog Number: bs-43142P

Concentration: >0.5mg/ml

Species: Human

AA Seq: 18-261/261

Predicted MW: 28.2

Tags: C-His

Activity: Not tested

Purity: > 90% as determined by SDS-PAGE

Purification: AC

Form: Lyophilized or Liquid

Storage: PBS (pH=7.4).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: 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 diagnosis and monitoring of prostatic carcinoma. Alternate splicing of this gene generates several transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008].

VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.

PRODUCT SPECIFIC PUBLICATIONS

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

[IF=8.3] Fan Xia. et al. Coordination-Driven Templated Synthesis of Hierarchically Porous Zeolitic Imidazolate Frameworks for Cascade Enzyme Cycle Amplification Coupled Immunoassay. ACS APPL MATER INTER. 2024;XXXX(XXX):XXX-XXX Other ; . 39042822

[IF=6.7] Li Fu. et al. Unary Au Nanocrystal with Prestored Electrons and Intrinsic Low Hole-Injected Potential for Low-Triggering Potential Electrochemiluminescence. ANAL CHEM. 2024;96(45):18254–18261 ; . 39480793

[IF=5.6] Chen Cui. et al. Ultrasensitive ECL immunoassay for CA15-3 via self-enhanced L012-loaded ZnNi-MOF as an emitter and CeO₂-Pt as a co-reaction accelerator. TALANTA. 2024 Oct;;127120 ; . 39489068