

Recombinant Human Prostate Specific Antigen (PSA)

Catalog No.: TP02748

50µg

Sequence Information

Species: Human

Gene ID:354

Swiss Prot:P07288

Synonyms:KLK3; APS; KLK2A1; HK3;

KLKB1; Semin; Prostate Specific

Antigen; Kallikrein-Related Peptidase 3;

Semenogelase, g-Seminoprotein; P-30

Antigen; Plasma kallikrein

Residues:Ile25~Pro261

IVGGWECEKHSQPWQVLVASRGRAVCGGVLVHPQWVLTAAHCIRNKSIVILLGRH

SLFHPEDTGQVFQVSHSFPHPPLYDMSLLKNRFLRPGDSSHDMLLRLSEPAEL

TDAVKVMDLPTQEPALGTTTCYASGWGSIEPEEFLTPKKLQCVDLHVISNDVCAQ

VHPQKVTKFMLCAGRWTGGKSTCSGDSGGPLVCNGVLQGITSWGSEPCALPERP

SLYTKVVHYRKWIKDTIVANP

Product Information

Source: Recombinant expression.

Host: *E.coli*

Tags: N-terminal His-Tag

Subcellular Location: Secreted

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 7.5

Predicted Molecular Mass: 27.6kDa

Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

