

KLK3 Protein Recombinant Protein



RPPB1862

Product Information Protein Information

Product SKU:

RPPB1862

Accession:

P07288

Host:

Escherichia Coli.

Protein description:

Kallikrein-3 Human Recombinant produced in E.Coli is a single, non- glycosylated polypeptide chain containing 237 amino acids and having a molecular mass of 26.1kDa.KLK3 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Prostate-specific antigen, PSA, Gamma-seminoprotein, Semin, Kallikrein-3, P-30 antigen, Semenogelase, KLK3, APS, hK3, KLK2A1.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 20mM Tris-HCl, pH 8.0, 150mM NaCl and 3% trehalose.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Kallikrein-3 in sterile 18MΩ-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized KLK3 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Kallikrein-3 should be stored at 4°C between 2-7 days and for future use below -18°C.Please prevent freeze-thaw cycles.

Amino Acid Sequence:

IVGGWECEKH SQPWQVLVAS RGRAVCGGVL VHPQWVLTAA HCIRNKSVIL LGRHSLFHPE DTGQVFQVSH
SFPHPLYDMS LLKNRFLRPG DDSSHDLMLL RLSEPAELTDA VKVMDLPTQE PALGTTTCYAS GWGSIEPEEF
LTPKKLQCVD LHVISNDVCA QVHPQKVTKF MLCAGRWTGG KSTCSGDSGG PLVCNGVLQG ITSWGSEPCA
LPERPSLYTK VVHYRKWIKD TIVANP.