Product Name: Recombinant Human KLK3 (244AA, C-6His)
Catalog #: PHH1035

Summary

Name	Kallikrein 3/PSA/KLK3 (18-261,同 RND、义翘)
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Kallikrein 3 is produced by our Mammalian expression system and the target gene encoding Ala18-Pro261 is expressed with a 6His tag at the C-terminus.
Accession #	P07288
Host	Human Cells
Species	Human
Predicted Molecular Mass	27.88 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 20mM Tris-HCl, 50mM NaCl, 15% Sucrose, 0.05% Tween80, 200mM L-Arginine, pH8.5.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at ≤ -20°C for 3 months.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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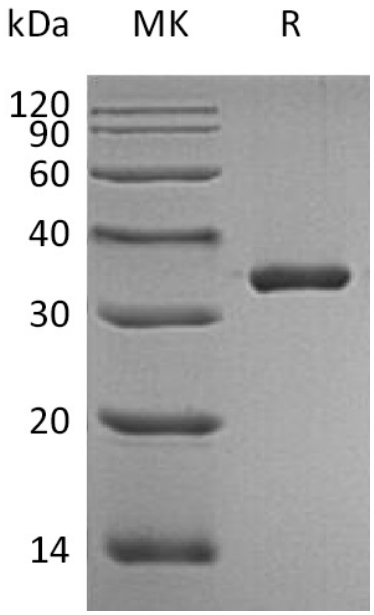

Alternative Names

Prostate-Specific Antigen; PSA; Gamma-Seminoprotein; Seminin; Kallikrein-3; P-30 Antigen; Semenogelase; KLK3; APS

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 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.

Note

For Research Use Only , Not for Diagnostic Use.