

Recombinant Human KLK3 Protein (Ile25-Pro261)

Catalog #	Source	Reactivity	Applications
CRP1857	Human cells	Human	E, WB, SDS-PAGE, MS
Description	Recombinant Human KLK3 Protein (Ile25-Pro261) is produced by our mammalian expression system and the target gene encoding Ile25-Pro261 is expressed with a 6His tag at the C-terminus.		
Form	Liquid in a 0.2 μM filtered solution of 20mM Tris-HCl, 150mM NaCl, 1mM CaCl ₂ , pH 7.5.		
Gene Symbol	KLK3		
Alternative Names	APS; Prostate-specific antigen; PSA; Gamma-seminoprotein; Semin; Kallikrein-3; P-30 antigen; Semenogelase		
Entrez Gene	354 (Human)		
SwissProt	P07288 (Human)		
Purity	Greater than 95% as determined by reducing SDS-PAGE.		
Chemical Structure	IVGGWECEKH SQPWQVLVAS RGRAVCGGVL VHPQWVLTAA HCIRNKSVIL LGRHSLFHPE DTGQVFQVSH SFPHPLYDMS LLKNRFLRPG DDSSHDLMML RLSEPAELTD AVKVM DLPTQ EPALGTTCYA SGWGSIEPEE FLTPKKLQCV DLHVISNDVC AQVHPQKVTK FMLCAGRWTG GKSTCSGDSG GPLVCNGVLQ GITSWGSEPC ALPERPSLYT KVVHYRKWIK DTIVANPVDH HHHHH		
Quality Control	Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.		
Directions for Use	Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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