

Kallikrein-3 Human Recombinant

Item Number	rAP-1240
Synonyms	Prostate-specific antigen, PSA, Gamma-seminoprotein, Semin, Kallikrein-3, P-30 antigen, Semenogelase, KLK3, APS, hK3, KLK2A1.
Description	KLK3 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 262 amino acids (25-261) and having a molecular mass of 28.8kDa. The KLK3 is fused to a 25 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P07288
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMMIVGGW ECEKHSQPWQ VLVASRGRAV CGGVLVHPQW VLTAAHCIRN KSVILLGRHS LFHPEDTGQV FQVSHSFPH LYDMSLLKNR FLRPGDDSSH DLM- LLRLSEP AELTDAVKVM DLPTQEPALG TTCYASGWGS IEPEEFLTPK KLQCVDLHVI SNDVCAQVHP QKVTKFMLCA GRWTGGKSTC SGDSGGPLVC NGVLQGITSW GSEPCALPER PSLYTKVVHY RKWIK- DTIVA NP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	KLK3 protein solution (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH8.0) and 0.4M Urea. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**