

# KLK3 Recombinant Protein



RPPB1863

## Product Information Protein Information

### Product SKU:

RPPB1863

### Accession:

P07288

### Host:

Escherichia Coli.

### Protein 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.

### Appearance:

Sterile Filtered clear solution.

### Synonyms:

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

### Formulation:

KLK3 protein solution (1mg/ml) is supplied in 20mM Tris-HCl buffer (pH8.0) and 0.4M Urea.

### Purity:

Greater than 90.0% as determined by SDS-PAGE.

### Stability:

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.

### Amino Acid Sequence:

MGSSHHHHHH SGLVPRGSH MGSIMVGGW ECEKHSQPWQ VLVASRGRAV CGGVLVHPQW  
VLTAACIRN KSVLLGRHS LFHPEDTGQV FQVSHSFPHP LYDMSLLKNR FLRPGDDSSH DMLLLRLSEP  
AELTDAVKVM DLPTQEPALG TTCYASGWGS IEPEEFLTPK KLQCVDLHVI SNDVCAQVHP QKVTKFMLCA  
GRWTGGKSTC SGDSGGPLVC NGVLQGITSW GSEPCALPER PSLYTKVVHY RKWIKDTIVA NP.