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## Product Data Sheet

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Product Name: KLK15 Human, sf9  
 Cat. No.: GP21855  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Kallikrein Related Peptidase 15; ACO Protease; Kallikrein-Like Serine Protease; Kallikrein 15; Kallikrein-15; Prostinogen; EC 3.4.21.4; EC 3.4.21.-; EC 3.4.21; HSRNASPH; ACO.		
Amino Acid Sequence	ADPQDGDKLL EGDECAPHSQ PWQVALYERG RFNCGASLIS PHWVLSAAHC QSRFMRVRLG EHNLRKRDGP EQLRTTSRVI PHPRYEARSH RNDIMLLRLV QPARLNPQVR PAVLPTRCPH PGEACVVSGW GLVSHNEPGT AGSPRSQVSL PDTLHCANIS IISDTSCDKS YPGRLTNTMV CAGAEGRGAE SCEGDSGGPL VCGGILQGIV SWGDVPCDNT TKPGVYTKVC HYLEWIRETM KRNHHHHHHH.		
Formulation	KLK15 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.		

### Introduction

Kallikrein-15 (KLK15) is one of the 15 kallikrein subfamily members located in a cluster on chromosome 19. KLK15 contains numerous polyadenylation sites and alternative splicing results in multiple transcript variants encoding different isoforms. KLK15 is over expressed in prostate cancer and therefore uses as a diagnostic or prognostic marker for prostate cancer.

### 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.

### Background

KLK15 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 249 amino acids (17-256a.a.) and having a molecular mass

**Caution: Product has not been fully validated for medical applications. For research use only.**

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of 27.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).KLK15 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

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