

## 32-7330: Recombinant Human Kallikrein 11/KLK11 (C-6His)

**Gene :** KLK11  
**Gene ID :** 11012  
**Uniprot ID :** Q9UBX7

### Description

Source: Human Cells.  
MW :26.28kD.

Recombinant Human Kallikrein 11 is produced by our Mammalian expression system and the target gene encoding Glu19-Asn250 is expressed with a 6His tag at the C-terminus. Human Kallikrein 11 (KLK11) is a member of tissue kallikrein family which are extracellular serine proteases consisting of 15 members. Two isoforms of KLK11 are differentially expressed. Isoform 1 is predominantly expressed in brain and isoform 2 is preferentially expressed in prostate. Isoform 1 consists of a signal peptide, a short pro peptide and the mature chain. Isoform 2 contains an extra 32 amino acid N terminal to full-length isoform 1. KLK11 is a novel marker for ovarian and prostate cancer carcinomas. KLK11 can be activated by thermolysin and is active against a thioester substrate.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 2mM CaCl<sub>2</sub>, pH 8.0.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** ETRIIKGFECKPHSQPWQAALFEKTRLLCGATLIAPRWLLTAAHCLKPRYIVHLGQHNLQKEEGCEQTRTATESF  
PHPGFNNSLPNKDHRNDIMLVKMASPVSITWAVRPLTLSSRCVTAGTSC LISGWGSTSSPQLRPLPHTLRCANITII  
EHQKCENAYPGNITDTMVCASVQEGGKDSCQGDSSGGLVCNQSLQGIISWGQDPCAITRKPGVYTKVCKYVD  
WIQETMKNNVDHHHHHHH

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.