

## 32-7373: Recombinant Human Kallikrein 5/KLK5 (C-6His)

**Gene :** KLK5  
**Gene ID :** 25818  
**Uniprot ID :** Q9Y337

### Description

Source: Human Cells.

MW :30.65kD.

Recombinant Human Kallikrein 5 is produced by our Mammalian expression system and the target gene encoding Val23-Ser293 is expressed with a 6His tag at the C-terminus. Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many Kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen Kallikrein subfamily members located in a cluster on chromosome 19. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Supplied as a 0.2 µm filtered solution of 20mM MES, 150mM NaCl, 10% Glycerol, pH 5.5.  
**Storage condition :** Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.  
**Amino Acid :** VTEHVLANNNDVSCDHPSNTVPSGSNQDLGAGAGEDARSDDSSSRIINGSDCDMHTQPWQAALLLRPNQLYC  
GAVLVHPQWLLTAAHCRKKVFRVRLGHYSLSPVYESGQMFQGVKSIPHPGYSHPGHSNDLMLIKLNRIRPT  
KDVRPINVSSHCP SAGTKCLVSGWGTTKSPQVHF PKVLQCLNISVLSQKRCEDAYPRQIDDTMFCAGDKAGRD  
SCQGDSGGPVVCNGSLQGLVSWG DYPCARPNRPGVYT NLCKFTKWIQETIQANSVDHHHHHH

### Application Note

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