

## Recombinant Human KLK10 (C-6His)

Catalog No: C360

<b>Description</b>	Recombinant Human Kallikrein 10 is produced by our Mammalian expression system and the target gene encoding Ala31-Asn276 is expressed with a 6His tag at the C-terminus.
<b>Source</b>	Human cells
<b>Alternative name</b>	Kallikrein-10; Normal Epithelial Cell-Specific 1; Protease Serine-Like 1; KLK10; NES1; PRSSL1
<b>Accession No.</b>	AAH02710.1
<b>Predicted Molecular Weight</b>	27.98 kDa
<b>AP Molecular Weight</b>	34 kDa, reducing conditions.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
<b>Quality Control</b>	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 EU/µg) as determined by LAL test.
<b>Shipping</b>	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
<b>Storage</b>	Store at < -20 °C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

**Background** 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.

### SDS-PAGE

