

## 32-2486: KLK10 Recombinant Protein

**Alternative Name :** Kallikrein-Related Peptidase 10, KLK10, PRSSL1, NES1, Normal Epithelial Cell-Specific 1, Protease Serine-Like 1, Kallikrein 10, Breast Normal Epithelial Cell Associated Serine Protease, kallikrein-10, Protease, Serine-Like 1, EC 3.4.21.-, EC 3.4.21,

### Description

Source : Escherichia Coli. KLK10 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 266 amino acids (34-276) and having a molecular mass of 29.1kDa. KLK10 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Kallikrein-10 (KLK10) is one of the 15 kallikrein subfamily members located in a cluster on chromosome 19. Kallikreins are a subgroup of serine proteases having various physiological functions. KLK10 is secreted and has a role in suppression of tumorigenesis in breast and prostate cancers.

### Product Info

**Amount :** 20 µg  
**Purification :** Greater than 85% as determined by SDS-PAGE.  
**Content :** The KLK10 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.  
**Storage condition :** 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 :** MGSSHHHHHH SGLVPRGSH MGSALLPQND TRLDPEAYGS PCARGSQPWQ VSLFNGLSFH CAGVLVDQSW VLTAAHCGNK PLWARVGDDH LLLLQGEQLR RTTRS VVHPK YHQGSGPILP RRTDEHDLML LKLARPVVLG PRVRALQLPY RCAQPGDQCQ VAGWGTTAAR RVKYNKGLTC SSITILSPKE CEVFYPGVVT NNMICAGLDR GQDPCQSDSG GPLVCDLTLQ GILSWG VYPC GSAQH PAVYT QICKYMSWIN KVIRSN.

