

## 32-6821: KLK13 Human

**Alternative Name :** Kallikrein-13, KLK-L4, KLKL4, Kallikrein-like protein 4.

### Description

Source: Escherichia Coli.

Sterile Filtered colorless solution.

Kallikreins are a subgroup of serine proteases having various physiological functions. Many kallikreins are implicated in carcinogenesis and some have potential of becoming novel cancer and other disease biomarkers. Kallikrein-13 (KLK13) is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. KLK13 gene expression is regulated by steroid hormones and may be useful as a marker for breast cancer.

KLK13 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 284 amino acids (17-277 a.a) and having a molecular mass of 31.3kDa. KLK13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 1 µg / 5 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** KLK13 protein solution (0.25mg/ml) containing 20mM Tris-HCl (pH8.0) 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 SSGLVPRGSH MGSGGVSQES SKVLNTNGTS GFLPGGYTCF PHSQPWQAAL  
LVQGRLLCGG VLVHPKWVLT AAHCLKEGLK VYLKHALGR VEAGEQVREV VHSIPHPEYR RSPTHLNHDH  
DIMLLELQSP VQLTGYIQL PLSHNNRLTP GTTCRVSGWG TTTSPQVNYP KTLQCANIQL RSDEECRQVY  
PGKITDNMLC AGTKEGGKDS CEGDSGGPLV CNRTLYGIVS WGDFFCGQPD RPGVYTRVSR YVLWIRETIR  
KYETQQQKWL KGPQ.