

Kallikrein-10 Human Recombinant

Item Number	rAP-1246
Synonyms	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, EC 3
Description	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.
Uniprot Accession Number	O43240
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSALLPQND TRLDPEAYGS PCARGSQPWQ VSLFNGLSFH CAGVLVDQSW VLTAHCGNK PLWARVGDDH LLLQGEQLR RTTRSVVHPK YHQGSGPILP RRTDEHDLML LKLARPVVLG PRVRALQLPY RCAQPGDQCQ VAGWGTTAAR RVKYNKGLTC SSITIL- SPKE CEVFYPGVVT NNMICAGLDR GQDPCQSDSG GPLVCDETQ GILSWGVPYC GSAQHPAVYT QICKYMSWIN KVIRSN.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The KLK10 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**