

## Kallikrein-2 Human Recombinant

<b>Item Number</b>	rAP-1243
<b>Synonyms</b>	hK2, KLK2A2, Kallikrein-2, Glandular kallikrein-1, hGK-1, issue kallikrein-2, KLK2.
<b>Description</b>	KLK2 Human Recombinant produced in E. coli is a single polypeptide chain containing 260 amino acids (25-261) and having a molecular mass of 28.5kDa. KLK2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	P20151
<b>Amino Acid Sequence</b>	MGSSHHHHH SSGLVPRGSH MGSIVGGWEC EKHSQPWQVA VYSHGWAHCG GVLVHPQWVL TAAH- CLKKNS QVWLGRHNLF EPEDTGQRVP VSHSFPHPLY NMSLLKHQSL RPDEDSSHD LMLRLSEPAK ITDVVKVLGL PTQEPALGTT CYASGWSIE PEEFLRPRSL QCVSLHLLSN DMCARAYSEK VTEFMLCAGL WTGGKDTCCG DSGGPLVCNG VLQGITSWGP EPCALPEKPA VYTKVVHYRK WIK- DTIAANP.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	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.
<b>Formulation and Purity</b>	The KLK2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 90% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**