

Kallikrein-2 Human Recombinant

Item Number	rAP-1243
Synonyms	hK2, KLK2A2, Kallikrein-2, Glandular kallikrein-1, hGK-1, issue kallikrein-2, KLK2.
Description	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.
Uniprot Accesion Number	P20151
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSIVGGWEC EKHSQPWQVA VYSHGWAHCG GVLVHPQWVL TAAH-CLKKNS QVWLGRHNLF EPEDTGQRVP VSHSFPHPLY NMSLLKHQSL RPDEDSSHDL MLLRLSEPAK ITDVKVVLGL PTQEPAALGTT CYASGWGSIE PEEFLRPRSL QCVSLHLLSN DMCARAYSEK VTEFMLCAGL WTGGKDTCGG DSGGPLVCNG VLQGITSWGP EPCALPEKPA VYTKVVHYRK WIK-DTIAANP.
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 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.
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**