



Recombinant Human Kallikrein-2 KLK2 Human

Cat # enz-719
Lot # #####
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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.
Source	Escherichia Coli.
Physical Appearance	Sterile filtered colorless solution.
Formulation	The KLK2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.
Stability	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.
Purity	Greater than 90% as determined by SDS-PAGE.
Amino acid sequence	<u>MGSSHHHHHH SSSLVPRGSH MGSIVGGWEC EKHSQPWQVA VYSHGWAHCG</u> GVLVHPQWVL TAAHCLKKNs QVWLGRHNLf EPEDTGQRVP VSHSFPHPly NMSLLKHQSL RPDEDSSHDl MLLRLSEPAK ITDVVKVLGL PTQEPALGTT CYASGWGSIE PEEFLRPRSL QCVSLHLLSN DMCARAYSEK VTEFMLCAGL WTGGKDTCCG DSGGPLVCNG VLQGITSWGP EPCALPEKPA VYTKVVHYRK WIKDTIAANP.

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