

Kallikrein-7 Human Recombinant

Item Number	rAP-1239
Synonyms	kallikrein-related peptidase 7, SCCE, hSCCE, EC 3.4.21.117, hK7, Kallikrein-7, PRSS6, KLK7.
Description	KLK7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 249 amino acids (30-253) and having a molecular mass of 27.1 kDa. The KLK7 is fused to a 25 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P49862
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSHMIIDGA PCARGSHPWQ VALLSGNQLH CGGVLVNERW VLTAAHCKMN EYTVHLGSDT LGDRRAQRIK ASKSFHPGY STQTHVNDLM LVKLNSQARL SSMVKKVRLP SRCEPPGTTT TVSGWGTTTS PDVTFPSDLM CVDVKLISPQ DCTKVYKDLL ENSMCAGIP DSKKNACNGD SGGPLVCRGT LQGLVSWGTF PCGQPNDPGV YTVQVCKFTKW INDTMKKHR.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	KLK7 protein 1mg/ml is supplied in 20mM Tris-HCl, pH-8, 2M Urea and 10% Glycerol. Greater than 90.0% as determined by Analysis 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**