

Kallikrein-7 Recombinant Protein | KLK7 recombinant protein

Recombinant Human Kallikrein-7

CATALOG #
AAA38808HOST
E. coli

PRODUCT SYNONYMS

Kallikrein-7; Recombinant Human Kallikrein-7; KLK7 Human; Kallikrein-7 Human Recombinant; kallikrein-related peptidase 7; SCCE; hSCCE; EC 3.4.21.117; hK7; PRSS6; KLK7; KLK7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	Greater than 90.0% as determined by Analysis by SDS-PAGE.
Form/Format	KLK7 protein 1mg/ml is supplied in 20mM Tris-HCl, pH-8, 2M Urea and 10% Glycerol.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>IIDGAPCA RGSHPWQVAL LSGNQLHCGG VLVNERWVLT</u> <u>AAHCKMNEYT VHLGSDTLGD RRAQRIKASK SFRHPGYSTQ THVNDLMLVK LNSQARLSSM VKKVRLPSRC</u> <u>EPPGTTCTVS GWGTTTSPDV TFPDLMCVD VKLISPQDCT KVKYKDLENS MLCAGIPDSK KNACNGDSGG</u> <u>PLVCRGTLQG LVSWGTFPCG QPNDPGVYTQ VCKFTKWIND TMKKHR.</u>
Appearance	Sterile Filtered clear solution
Preparation and Storage	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.

ADDITIONAL INFORMATION

Related Product Information for KLK7 recombinant protein	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.
Product Categories/Family for KLK7 recombinant protein	Enzymes ; Kallikrein

NCBI AND UNIPROT INFORMATION

NCBI GI #	333609286
NCBI GeneID	5650
NCBI Accession #	NP_001193982.1
NCBI GenBank Nucleotide #	NM_001207053.1
UniProt Accession #	P49862 ; Q8N5N9 ; Q8NFV7 ; A8K0U5
NCBI Official Full Name	kallikrein-7 isoform 2
NCBI Official Synonym Full Names	kallikrein-related peptidase 7
NCBI Official Symbol	KLK7
NCBI Official Synonym Symbols	hK7; SCCE; PRSS6

NCBI Protein Information	kallikrein-7; kallikrein 7 (chymotryptic, stratum corneum); serine protease 6; signal protein; stratum corneum chymotryptic enzyme
UniProt Protein Name	Kallikrein-7
UniProt Gene Name	KLK7
UniProt Synonym Gene Names	PRSS6; SCCE; hK7; hSCCE
UniProt Entry Name	KLK7_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/klk7-recombinant-protein-e-coli/38808>