

Kallikrein 7 Active Protein | KLK7 active protein

Recombinant Human Kallikrein 7/KLK7 Protein (His Tag)

CATALOG #
AAA174597

HOST
Human Cells

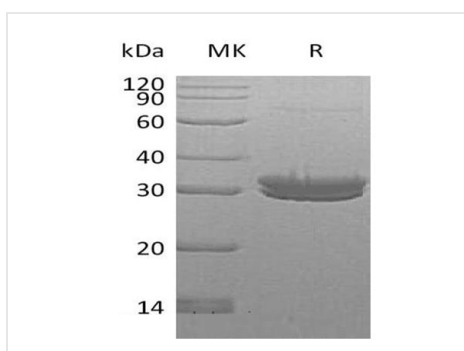
PRODUCT SYNONYMS

Kallikrein 7; Recombinant Human Kallikrein 7/KLK7 Protein (His Tag); Kallikrein-7; hK7; Serine Protease 6; Stratum Corneum Chymotryptic Enzyme; hSCCE; KLK7; PRSS6; SCCE; KLK7 active protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 um filtered solution of 20mM HEPES, 150mM NaCl, pH 7.5.
Concentration	0.66 mg/mL. (varies by lot)
Sequence	Glu23-His2 52
Species	Human
Tag	C-6His
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Preparation and Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. This product is provided as liquid. It is shipped with blue ice. Upon receipt, store it immediately at<-20°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for KLK7 active protein

Human Kallikrein 7 is a member of the tissue kallikrein family of extracellular serine proteases that is made up of 15 members. It is predominantly expressed in the skin. A major physiological function of Kallikrein 7 is to regulate the desquamation process (the shedding of corneocytes from the outer layer of the epidermis) through proteolysis of the intercellular adhesive structures between corneocytes. Dysregulation of Kallikrein 7 has been linked to several inflammatory skin diseases including atopic dermatitis, psoriasis, and Netherton syndrome. Studies have shown that Kallikrein 5 is a potential physiological activator for Kallikrein 7. The proform of Kallikrein 7 can be activated by thermolysin.

NCBI AND UNIPROT INFORMATION

NCBI GI #	333609286
NCBI GeneID	5650
NCBI Accession #	NP_001193982.1
NCBI GenBank Nucleotide #	NM_001207053.1
UniProt Accession #	AAH32005; Q8N5N9; Q8NFV7; A8K0U5; P49862
Molecular Weight	Molecular Mass: 26.2kDa Actual Protein Molecular Mass: 30kDa
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
UniProt Protein Name	Kallikrein-7
UniProt Gene Name	KLK7
UniProt Synonym Gene Names	PRSS6; SCCE; hK7; hSCCE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-cells-active-protein/kallikrein-7/174597>