

Recombinant Mouse Klk7 Protein, Myc/DDK-tagged

Cat. No. Klk7-3726M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length kallikrein related-peptidase 7 (chymotryptic, stratum corneum) (Klk7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	This gene encodes a member of the kallikrein subfamily of serine proteases that are involved in diverse physiological functions such as skin desquamation, tooth enamel formation, seminal liquefaction, synaptic neural plasticity and brain function. The encoded preproprotein undergoes proteolytic cleavage of the activation peptide to generate the functional enzyme. This gene is located in a cluster of several related kallikrein genes on chromosome 7.
Molecular Mass	27.3 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [KLK7 kallikrein related-peptidase 7 \(chymotryptic, stratum corneum\) \[Mus musculus \(house mouse\) \]](#)

Official Symbol [KLK7](#)

Synonyms KLK7; kallikrein related-peptidase 7 (chymotryptic, stratum corneum); kallikrein-7; thymopsin; serine protease 6; protease, serine, 6; stratum corneum chymotryptic enzyme; kallikrein 7 (chymotryptic, stratum corneum); SCCE; Prss6

Gene ID [23993](#)

mRNA Refseq [NM_011872](#)

Protein Refseq [NP_036002](#)

UniProt ID [Q91VE3](#)

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