

## Recombinant Mouse Kik7 Protein, Myc/DDK-tagged

Cat. No. Kik7-3726M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length kallikrein related-peptidase 7 (chymotryptic, stratum corneum) (Kik7), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Molecular Mass</b>	27.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>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** Kik7 kallikrein related-peptidase 7 (chymotryptic, stratum corneum) [ Mus musculus (house mouse) ]

**Official Symbol** Kik7

**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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