

Product datasheet for **TP503163**

Klk7 (NM_011872) Mouse Recombinant Protein

Product data:

Product Type: Recombinant Proteins
Description: Purified recombinant protein of Mouse kallikrein related-peptidase 7 (chymotryptic, stratum corneum) (Klk7), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species: Mouse
Expression Host: HEK293T
Expression cDNA Clone or AA Sequence: >MR203163 protein sequence
Red=Cloning site **Green**=Tags(s)

MGVLLSLITVLLSLALETAGQGERIIDGYKCKEGSHPWQVALLKGNQLHCGGVLVDKYWVLTAHCKMG
QYVQLGSDKIGDQSAQKIKATKFRHPGYSTKTHVNDIMLVRLDEPKMSSKVEAVQLPEHCEPPGTSC
TVSGWGTTPDVTFPDLMCSDVKLISSRECKVYKDLLGKTMLCAGIPDSKTNTCNGDSGGPLVCNDT
LQGLVSWGTYPCGPNDPGVYTQVCKYKRWVWVETMKTHR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-MYC/DDK
Predicted MW: 27.3 kDa
Concentration: >0.05 µg/µL as determined by microplate BCA method
Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage: Store at -80°C after receiving vials.
Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq: [NP_036002](#)
Locus ID: 23993
UniProt ID: [Q91VE3](#), [A0A0B6VPC4](#)
RefSeq Size: 1745



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Cytogenetics: 7 28.27 cM

RefSeq ORF: 750

Synonyms: P; Prss6; SCCE

Summary: 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. [provided by RefSeq, May 2016]