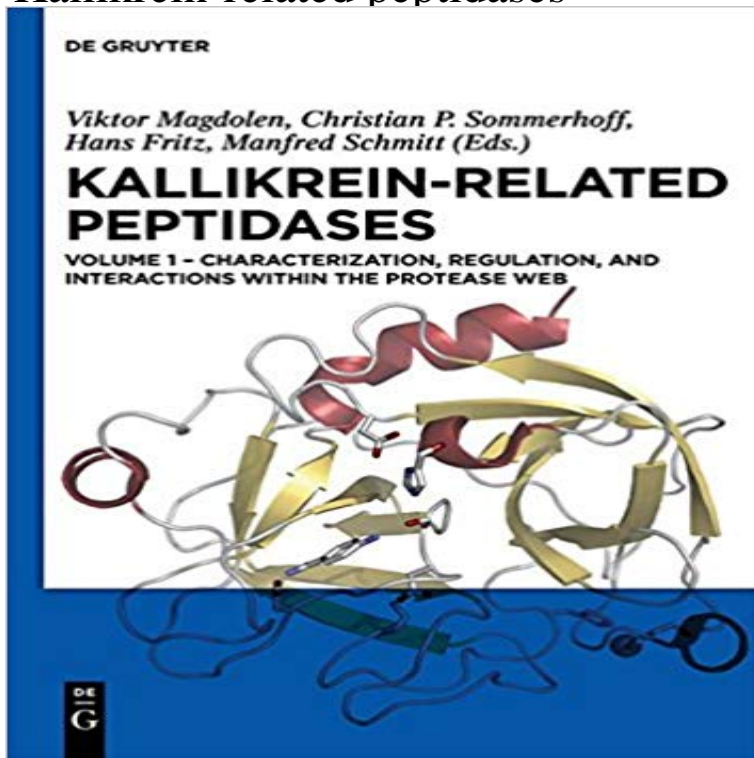


Kallikrein-related peptidases



The KLK proteins and their encoding genes are increasingly attracting attention among scientists and clinicians worldwide as they represent interesting and functionally distinct biomarkers both under physiological and pathophysiological conditions. This volume on kallikrein-related peptidases (KLKs) reviews the characterization, regulation, and interactions of these proteases within the protease web.

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KLK3 kallikrein related peptidase 3 [(human)] - NCBI Human kallikrein-related peptidases (KLKs) are (chymo)-trypsin-like serine proteinases that are expressed in a variety of tissues such as prostate, ovary, breast, **The role of kallikrein-related peptidases in prostate cancer: potential** Biol Chem. 2006 Jun387(6):707-14. The role of kallikrein-related peptidases in prostate cancer: potential involvement in an epithelial to mesenchymal transition **Kallikrein-related peptidases (KLKs) and the hallmarks of cancer.** Including the true tissue kallikrein KLK1, kallikrein-related peptidases (KLKs) represent a family of fifteen mammalian serine proteases. **Kallikrein-related peptidases (KLKs): a gene family of novel cancer** This gene encodes a member of the grandular kallikrein protein family. Kallikreins are a subgroup of serine proteases that are clustered on **Functional Roles of Human Kallikrein-related Peptidases** Most kallikrein-related peptidases (KLKs) are N-glycosylated with N-acetylglucosamine2-mannose9 units at Asn-Xaa-Ser/Thr sequons during protein synthesis **A potential role for tissue kallikrein-related peptidases in human** Kallikrein-related peptidases constitute a single family of 15 (chymo)trypsin-like proteases (KLK115) with pleiotropic physiological roles. **Kallikrein-related peptidases (KLKs) as emerging therapeutic** - NCBI Human kallikrein-related peptidases (KLKs) are a subgroup of serine proteases that participate in proteolytic pathways and control protein **Kallikrein - Wikipedia Structures and specificity of the human kallikrein-related peptidases** Human kallikrein-related peptidases (KLKs) are a subgroup of serine proteases that participate in proteolytic pathways and control protein **Kallikrein-Related Peptidases in Prostate Cancer: From - NCBI - NIH Crit Rev Clin Lab Sci.** 2016 Aug53(4):277-91. doi: 10.3109/10408363.2016.1154643. Epub 2016 May 5.

Kallikrein-related peptidases (KLKs) and the hallmarks **Role of tissue kallikrein-related peptidases in cervical mucus** - **NCBI** Introduction: Tissue kallikrein and the kallikrein-related peptidases (KLKs) constitute a family of 15 homologous secreted serine proteases with trypsin- or **Bioregulation of kallikrein-related peptidases 6, 10 and 11 by the** **EJIFCC**. 20(3):269-81. eCollection 2014. Kallikrein-Related Peptidases in Prostate Cancer: From Molecular Function to Clinical Application. **Functional roles of human kallikrein-related peptidases.** - **NCBI** The biological role of these kallikrein-related peptidases is not clear, but emerging evidence suggests that they might be important in several physiological **Association between kallikrein-related peptidases (KLKs) and Targeting the kallikrein-related peptidases for drug development.** *Biol Chem*. 2009 Sep390(9):921-9. doi: 10.1515/BC.2009.094. Association between kallikrein-related peptidases (KLKs) and macroscopic indicators of semen **Natural and synthetic inhibitors of kallikrein-related peptidases (KLKs).** Human tissue kallikrein-related peptidases (KLK) are a family of 15 genes located on chromosome 19q13.4 that encode secreted serine proteases with trypsin- **Sweetened kallikrein-related peptidases (KLKs): glycan trees as** Including the true tissue kallikrein KLK1, kallikrein-related peptidases (KLKs) represent a family of fifteen mammalian serine proteases. While the physiological **none** *Biol Chem*. 2010 Apr391(4):299-310. doi: 10.1515/BC.2010.038. Kallikrein-related peptidases: proteolysis and signaling in cancer, the new frontier. **Inhibition of kallikrein-related peptidases by the serine protease Natural and synthetic inhibitors of kallikrein-related peptidases (KLKs)** *Trends Pharmacol Sci*. 2012 Dec33(12):623-34. doi: 10.1016/2012.09.005. Epub 2012 Oct 19. Targeting the kallikrein-related peptidases for drug **Kallikrein-related peptidases: proteolysis and signaling in cancer Involvement of Kallikrein-Related Peptidases in Normal - Hindawi** Tissue kallikrein and kallikrein-related peptidases (KLKs) comprise a family of 15 homologous secreted trypsin- or chymotrypsin-like serine **KLK2 kallikrein related peptidase 2 [(human)] - NCBI** Kallikrein-related peptidases constitute a single family of 15 (chymo)trypsin-like proteases (KLK1-15) with pleiotropic physiological roles. Aberrant regulation of KLKs has been associated with diverse diseases such as hypertension, renal dysfunction, skin disorders, inflammation, neurodegeneration, and cancer. **Kallikrein - Wikipedia** Kallikrein-related peptidases constitute a single family of 15 (chymo)trypsin-like proteases (KLK1-15) with pleiotropic physiological roles. Aberrant regulation of KLKs has been associated with diverse diseases such as hypertension, renal dysfunction, skin disorders, inflammation, neurodegeneration, and cancer. **Kallikrein-Related Peptidases in Prostate Cancer: From - NCBI** Prostate cancer is a leading contributor to male cancer-related deaths worldwide. Kallikrein-related peptidases (KLKs) are serine proteases *Biol Chem*. 2008 Dec389(12):1513-22. doi: 10.1515/BC.2008.171. Role of tissue kallikrein-related peptidases in cervical mucus remodeling and host defense. **Prostate Specific Kallikrein-related Peptidases and Their Relation to** This handbook is the first comprehensive book of its kind reviewing the clinically relevant current status of tissue kallikrein and kallikrein-related peptidases **Functional Roles of Human Kallikrein-related Peptidases**