

---

## Product Data Sheet

---

Product Name: KLK11 Human, Sf9

Cat. No.: GP21851

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Insect cells.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Kallikrein-11 isoform 1; KLK11; PRSS20; TLSP.		
Amino Acid Sequence	ADLETRIIKG FECKPHSQPW QAALFEKTRL LCGATLIAPR WLLTAAHCLK PRYIVHLGQH NLQKEEGCEQ TRTATESFPH PGFNNSLPNK DHRNDIMLVK MASPVSITWA VRPLTLSSRC VTAGTSCLIS GWGSTSSPQL RLPHTLRCAN ITIIHQKCE NAYPGNITDT MVCASVQEGG KDSCQGDSSG PLVCNQSLQG IISWGQDPCA ITRKPGVYTK VCKYVDWIQE TMKNNHHHHH H.		
Formulation	KLK11 protein solution ( 0.5mg/ml ) contains 50mM Tris-HCl (pH 7.5), 0.1M NaCl, 2mM CaCl <sub>2</sub> and 10% glycerol.		

**Introduction**

Kallikreins are a subgroup of serine proteases having various physiological functions. Numerous kallikreins are involved in carcinogenesis. Kallikrein-11 (KLK11) which is a multifunctional protease is 1 of the 15 kallikrein subfamily members found in a cluster on chromosome 19. KLK11 cleaves synthetic peptides after arginine but not lysine residues.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

KLK11 produced in Sf9 Insect cells is a single, glycosylated polypeptide chain containing 241 amino acids (19-250a.a.) and having a molecular mass of 26.7 kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). KLK11 is expressed with a 9 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

***Caution: Product has not been fully validated for medical applications. For research use only.***

***Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com***

***Address: 10292 Central Ave. #205, Montclair, CA, USA***