
Product Data Sheet

Product Name: KLK11 Human
 Cat. No.: GP21850
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Kallikrein-11; hK11; Hippostasin; Serine protease 20; Trypsin-like protease; Kallikrein-11 inactive chain 1; Kallikrein-11 inactive chain 2; KLK11; PRSS20; TLSP; UNQ649/PRO1279; Kallikrein 11.		
Amino Acid Sequence	MIIKGFECKP HSQPWQAALF EKTRLLCGAT LIAPRWLLTA AHCLKPRYIV HLGQHNLQKE EGCEQTRTAT ESFPHPGFNN SLPNKDHRND IMLVKMASPV SITWAVRPLT LSSRCVTAGT SCLISGWGST SSPQLRLPHT LRCANITIIE HQKCENAYPG NITDTMVCAS VQEGGKDSC GDSGGPLVCN QSLQGIISWG QDPCAITRKP GVYTKVCKYV DWIQET.		
Formulation	KLK11 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

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 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide

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

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chain containing 226 amino acids (54-278 a.a) and having a molecular mass of 24.8kDa.

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