
Product Data Sheet

Product Name: KLK15 Human
 Cat. No.: GP21854
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Kallikrein-related peptidase 15; ACO; HSRNASPH; Kallikrein-15; ACO protease; KLK15.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSLLGDEC APHSQPWQVA LYERGRFNCG ASLISPHWVL SAAHCQSRFM RVRLGEHNLK KRDGPEQLRT TSRVIPHPRY EARSHRNDIM LLRLVQPARL NPQVRPAVLP TRCPHPGEAC VVSGWGLVSH NEPGTAGSPR SQVSLPDTLH CANISIISDT SCDKSYPGRL TNTMVCAGAE GRGAESCEGD SGGPLVCGGI LQGIVSWG DV PCDNTTKPGV YTKVCHYLEW IRETMKRN.		
Formulation	The KLK15 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.		

Introduction

Kallikrein-15 (KLK15) is one of the 15 kallikrein subfamily members located in a cluster on chromosome 19. KLK15 contains numerous polyadenylation sites and alternative splicing results in multiple transcript variants encoding different isoforms. KLK15 is over expressed in prostate cancer and therefore uses as a diagnostic or prognostic marker for prostate cancer.

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

KLK15 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 258 amino acids (22-256a.a) and having a molecular mass of 28.2kDa.

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

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KLK15 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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