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32-6820: KLK11 Human, Sf9

Alternative Name : Kallikrein-11 isoform 1, KLK11, PRSS20, TLSP.

Description

Source: Sf9, Insect cells.
Sterile Filtered colorless solution.
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.
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.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 90.0% as determined by SDS-PAGE.
Content :	KLK11 protein solution (0.5mg/m) contains 50mM Tris-HCl (pH 7.5), 0.1M NaCl, 2mM CaCl2 and 10% glycerol.
Storage condition :	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.
Amino Acid :	ADLETRIIKG FECKPHSQPW QAALFEKTRL LCGATLIAPR WLLTAAHCLK PRYIVHLGQH NLQKEEGCEQ TRTATESFPH PGFNNSLPNK DHRNDIMLVK MASPVSITWA VRPLTLSSRC VTAGTSCLIS GWGSTSSPQL RLPHTLRCAN ITIIEHQKCE NAYPGNITDT MVCASVQEGG KDSCQGDSGG PLVCNQSLQG IISWGQDPCA ITRKPGVYTK VCKYVDWIQE TMKNNHHHHH H.

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