

32-2488: KLK15 Recombinant Protein

Alternative Name : Kallikrein-related peptidase 15, ACO, HSRNASPH, Kallikrein-15, ACO protease, KLK15.

Description

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

Product Info

Amount :	20 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The KLK15 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
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 :	MGSSHHHHHH SSGLVPRGSH MGSLLGDEC APHSQPWQVA LYERGRFNCG ASLISPHWVL SAAHCQSRFM RVRLGEHNLK KRDGPEQLRT TSRVIPHPRY EARSHRNDIM LLRLVQPARL NPQVRPAVLP TRCPHPGEAC VVSGWGLVSH NEPGTAGSPR SQVSLPDTLH CANISIISDT SCDKSYPGRL TNTMVCAGAE GRGAESCEGD SGGPLVCGGI LQGIVSWGDV PCDNTTKPGV YTKVCHYLEW IRETMKRN.

