

32-6823: KLK15 Human, sf9

Alternative Name : Kallikrein Related Peptidase 15, ACO Protease, Kallikrein-Like Serine Protease, Kallikrein 15, Kallikrein-15, Prostinogen, EC 3.4.21.4, EC 3.4.21.-, Å EC 3.4.21, HSRNASPH, ACO.

Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

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.

KLK15 Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 249 amino acids (17-256a.a.) and having a molecular mass of 27.4kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa). KLK15 is expressed with a 6 amino acids His tag at C-Terminus and purified by proprietary chromatographic techniques.

Product Info

Amount : 1 µg / 5 µg

Purification : Greater than 80.0% as determined by SDS-PAGE.

Content : KLK15 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) 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 : ADPQDGDKLL EGDECAPHSQ PWQVALYERG RFNCGASLIS PHWVLSAAHC QSRFMRVRLG
EHNLRKRDGP EQLRTTSRVI PHPRYEARSH RNDIMLLRLV QPARLNPQVR PAVLPTRCPH PGEACVSWG
GLVSHNEPGT AGSPRSQVSL PDTLHCANIS IISDTSCDKS YPGRLTNTMV CAGAEGRGAE SCEGDSGGPL
VCGGILQGIV SWGDVPCDNT TKPGVYTKVC HYLEWIRETM KRNNHHHHHH.