

KLK15, 17-256aa, Human, His-tag, Baculovirus

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3th Edition

Synonyms:Kallikrein-15 isoform 4, KLK15, ACO, HSRNASPH

Description:KLK15, also known as kallikrein-15 isoform 4, is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. This protein contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. Also, growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. In prostate cancer, it has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. Recombinant human KLK15, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

Molecular Weight:27.4kDa (249aa) 28-40kDa (SDS-PAGE under reducing conditions.)

Sequences:

Purity:> 95% by HPLC

Concentration:0.25mg/ml (determined by Absorbance at 280nm)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.