

Recombinant Human KLK6 Protein, MYC/DDK-tagged

Cat. No. KLK6-690H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human KLK6 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.

Species Human

Source HEK293

Description This gene encodes a member of the kallikrein subfamily of the peptidase S1 family of serine proteases. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. The encoded preproprotein is proteolytically processed to generate the mature protease. Expression of this protease is regulated by steroid hormones and may be elevated in multiple human cancers and in serum from psoriasis patients. The encoded protease may participate in the cleavage of amyloid precursor protein and alpha-synuclein, thus implicating this protease in Alzheimer's and Parkinson's disease, respectively. This gene is located in a gene cluster on chromosome 19. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed. [provided by RefSeq, Feb 2016]

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.

Molecular Mass 14.9 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

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Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name kallikrein related peptidase 6[Homo sapiens]

Official Symbol [KLK6](#)

Synonyms Bssp; hK6; Kik7; PRSS18; PRSS9; SP59

Gene ID [5653](#)

mRNA Refseq [NM_001012964.1](#)

Protein Refseq [NP_001012982.1](#)

MIM [602652](#)

UniProt ID [Q92876](#)

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