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Product datasheet for TP720315

Kallikrein 6 (KLK6) (NM_001012964) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kallikrein-related peptidase 6 (KLK6), transcript variant B
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	Glu17-Lys244
Tag:	C-His
Predicted MW:	26.2 kDa
Concentration:	lot specific
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Supplied as a 0.2 um filtered solution of 5mM HCl, 150mM NaCl.
Endotoxin:	< 0.1 EU per μg protein as determined by LAL test
Storage:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_001012982
Locus ID:	5653
UniProt ID:	Q92876, A0A024R4J8
Cytogenetics:	19q13.41
Synonyms:	Bssp; hK6; Klk7; PRSS9; PRSS18; SP59

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Summary: 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]

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images: