

Product datasheet for TP317479

Kallikrein 5 (KLK5) (NM_001077491) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human kallikrein-related peptidase 5 (KLK5), transcript variant 2, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC217479 protein sequence Red =Cloning site Green =Tags(s)
	MATARPPWMWVLCALITALLLVTEHVLANNNDVSCDHPSNTVPSGSNQDLGAGAGEDARSDDSSSRIING SDCDMHTQPWQAALLLRPNQLYCGAVLVHPQWLLTAAHCRKKVFRVRLGHYSLSPPVYESGQQMFQGVKSI PHPGYSHPGHSNDLMLIKLNRIRPTKDVRPINVSSHCPAGTKCLVSGWGTTKSPQVHFVKVLQCLNIS VLSQKRCEAYPRQIDDTMFCAGDKAGRDCQGDSSGPPVCNGLSLQGLVSWGDPYCARPNRPGVYTNLCK FTKWIQETIQANS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	28.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001070959
Locus ID:	25818



[View online »](#)

UniProt ID: [Q9Y337](#)

RefSeq Size: 1435

Cytogenetics: 19q13.41

RefSeq ORF: 879

Synonyms: KLK-L2; KLKL2; SCTE

Summary: Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its expression is up-regulated by estrogens and progestins. The encoded protein is secreted and may be involved in desquamation in the epidermis. Alternative splicing results in multiple transcript variants encoding the same protein. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Protease, Secreted Protein, Transmembrane

Product images:



Coomassie blue staining of purified KLK5 protein (Cat# TP317479). The protein was produced from HEK293T cells transfected with KLK5 cDNA clone (Cat# [RC217479]) using MegaTran 2.0 (Cat# [TT210002]).