

Product datasheet for PH312547

Kallikrein 11 (KLK11) (NM_144947) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	KLK11 MS Standard C13 and N15-labeled recombinant protein (NP_659196)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC212547
Predicted MW:	30.9 kDa
Protein Sequence:	>RC212547 representing NM_144947 Red=Cloning site Green=Tags(s) MQRLRWLRDWKSSGRGLTAAKEPGARSSPLQAMRILQLILLALATGLVGGETRIIKGFCEKPHSQPWQAA LFEKTRLLCGATLIAPRWLLTAAHCLKPRYIVHLGQHNLQKEEGCEQTRTATESFPHPGFNNSLPNKDHR NDIMLVKMASPVSTITWAVRPLTLSSRCVTAGTSCLSISGWGSTSSPQLRPLPHTLRCANITIIIEHQKCNAY PGNITDTMVCASVQEGGKDSCQGDSSGGLVCNQSLQGIISWGDPCAITRKPQVYTKVCKYVDWIQETMK NN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_659196
RefSeq Size:	1289
RefSeq ORF:	846
Synonyms:	PRSS20; TLSP
Locus ID:	11012



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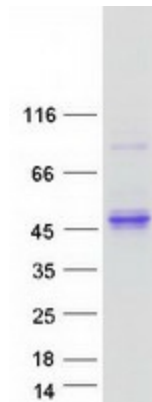
UniProt ID: [Q9UBX7](#)

Cytogenetics: 19q13.41

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. Alternate splicing and the use of alternate promoters results in multiple transcript variants encoding distinct isoforms which are differentially expressed. [provided by RefSeq, Dec 2016]

Protein Families: Druggable Genome, Protease, Secreted Protein

Product images:



Coomassie blue staining of purified KLK11 protein (Cat# [TP312547]). The protein was produced from HEK293T cells transfected with KLK11 cDNA clone (Cat# [RC212547]) using MegaTran 2.0 (Cat# [TT210002]).