

Recombinant Human KLK15, His-tagged

Cat. No. KLK15-5062H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human KLK15 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Species	Human
Source	E.coli
Description	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. KLK15 is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. In prostate cancer, it has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. KLK15 contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Molecular Mass	28.2 kDa (258aa)
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSLLGDEC APHSQPWQVA LYERGRFNCG ASLISPHWVL SAAHCQSRFM RVRLGEHNLR KRDGPEQLRT TSRVIPHPRY EARSHRNDIM LLRLVQPARL NPQVRPAVLP TRCPHPGEAC VVSGWGLVSH NEPGTAGSPR SQVSLPDTLH CANISIISDT SCDKSYPGRL TNTMVCAGAE GRGAESCEGD SGGPLVCGGI LQGIVSWGVDV PCDNTTKPGV YTKVCHYLEW

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	IRETMKRN
Purity	>90 % by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at +4centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20centigrade or -70centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1.0 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	KLK15 kallikrein 15 [Homo sapiens]
Official Symbol	KLK15
Synonyms	KLK15; kallikrein 15;
Gene ID	58197

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