



[Go to Product page](#)

Datasheet for ABIN1097005
Kallikrein 13 Protein (AA 17-262) (His tag)

Overview

Quantity:	50 µg
Target:	Kallikrein 13 (KLK13)
Protein Characteristics:	AA 17-262
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Kallikrein 13 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Kallikrein 13/KLK13 (C-6His)
Sequence:	GGVSQESSKV LNTNGTSGFL PGGYTCFPHS QPWQAALLVQ GRLLCGGVLV HPKWVLTAAH CLKEGLKVYL GKHALGRVEA GEQVREVVHS IPHPEYRRSP THLNHDHDIM LLELQSPVQL TGYIQLPLS HNNRLTPGTT CRVSGWGTTT SPQVNYPKTL QCANIQLRSD EECRQVYPGK ITDNMLCAGT KEGGKDSCEG DSGGPLVCNR TLYGIVSWG D FPCGQPDRPG VYTRVSRVYL WIRETIVDHH HHHH
Characteristics:	Recombinant Human Kallikrein 13/KLK13 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	Kallikrein 13 (KLK13)
Alternative Name:	Kallikrein 13 (KLK13 Products)
Background:	<p>Recombinant Human Kallikrein 13 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (G17-Q277) of Human KLK13 fused with a polyhistidine tag at the C-terminus.</p> <p>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 encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein.</p>
Molecular Weight:	28.03 kDa
UniProt:	Q9UKR3
Pathways:	Complement System

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	<p>It is not recommended to reconstitute to a concentration less than 100 µg/mL.</p> <p>Dissolve the lyophilized protein in ddH₂O.</p> <p>Please aliquot the reconstituted solution to minimize freeze-thaw cycles.</p>
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM MES, 150 mM NaCl, 10 % Glycerol, pH 5.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	<p>Store at < -20°C, stable for 6 months after receipt.</p> <p>Please minimize freeze-thaw cycles.</p>
Expiry Date:	6 months