

## Native Human Kallikrein

**Cat. No.** KLK4-238H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Description</b>	A serine protease that releases bradykinin from kininogen. Present in plasma as an inactive precursor prokallikrein.
<b>Form</b>	Frozen
<b>Molecular Mass</b>	86,000-88,000
<b>Purity</b>	>= 95% by SDS-PAGE
<b>Usage</b>	For research use only.
<b>Quality Control Test</b>	Shown to be non reactive for HBsAg, anti-HCV, anti-HBc, and negative for anti-HIV 1 & 2 by FDA approved tests.
<b>Stability</b>	>1 year
<b>Storage</b>	<=>
<b>Storage Buffer</b>	20 mM Tris-HCl, pH 7.8, with 100 mM NaCl

### GENE INFORMATION

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<b>Gene Name</b>	KLK4 kallikrein-related peptidase 4 [ Homo sapiens ]
<b>Official Symbol</b>	KLK4
<b>Synonyms</b>	KLK4; kallikrein-related peptidase 4; kallikrein 4 (prostase, enamel matrix, prostate) , PRSS17; kallikrein-4; EMSP; EMSP1; KLK L1; PSTS; prostase; serine protease 17; kallikrein-like protein 1; androgen-regulated message 1; enamel matrix serine protease
<b>Gene ID</b>	9622
<b>mRNA Refseq</b>	NM_004917
<b>Protein Refseq</b>	NP_004908
<b>MIM</b>	603767
<b>UniProt ID</b>	Q9Y5K2
<b>Chromosome Location</b>	19q13.3-q13.4
<b>Function</b>	catalytic activity; metal ion binding; peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity;

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