

Native Human Kallikrein

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

SPECIFICATION

Product Overview

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

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GENE INFORMATION

Gene Name	KLK4 kallikrein-related peptidase 4 [Homo sapiens]
Official Symbol	KLK4
Synonyms	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
Gene ID	9622
mRNA Refseq	NM_004917
Protein Refseq	NP_004908
MIM	603767
UniProt ID	Q9Y5K2
Chromosome Location	19q13.3-q13.4
Function	catalytic activity; metal ion binding; peptidase activity; serine-type endopeptidase activity; serine-type peptidase activity;

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