

Recombinant Full Length Human KLK6 Protein, GST-tagged

Cat. No. KLK6-5862HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KLK6 full-length ORF (NP_002765.1, 1 a.a. - 244 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	244 amino acids
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. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. The encoded enzyme is regulated by steroid hormones. In tissue culture, the enzyme has been found to generate amyloidogenic fragments from the amyloid precursor protein, suggesting a potential for involvement in Alzheimers disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene. [provided by RefSeq
Molecular Mass	53.3 kDa
AA Sequence	MKKLMVVLSLIAAAWAEQNKLVHGGPCDKTSHPYQAALYTSGHLLCGGVLIHPLW VLTAAHCKKPNLQVFLGKHNLQRRESSQEQSSVVRAVIHPDYDAASHDQDIMLLRLA RPAKLSELIQPLPLERDCSANTTSCHILGWGKTADGDFPDTIQCAYIHLVSREECEHA YPGQITQNMLCAGDEKYGKDSCQGDSSGGPLVCGDHLRGLVSWGNIPCGSKEKPG

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VYTNVCRYTNWIQKTIQAK

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[KLK6 kallikrein-related peptidase 6 \[Homo sapiens \]](#)

Official Symbol

[KLK6](#)

Synonyms

KLK6; kallikrein-related peptidase 6; kallikrein 6 (neurosin, zyme) , protease, serine, 18 , PRSS9, PRSS18; kallikrein-6; Bssp; Klk7; neurosin; zyme; protease M; serine protease 9; serine protease 18; hK6; SP59; PRSS9; PRSS18; MGC9355;

Gene ID

[5653](#)

mRNA Refseq

[NM_001012964](#)

Protein Refseq

[NP_001012982](#)

MIM

[602652](#)

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UniProt ID

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