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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

KLK6 (Human) Recombinant Protein (Q01)

Catalog Number: H00005653-Q01

Regulation Status: For research use only (RUO)

Product Description: Human KLK6 partial ORF (AAH15525, 91 a.a. - 190 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

RAVIHPDYDAASHDQDIMLLRLARPAKLSELIQPLPLER
DCSANTTSCHILGWGKTADGDFPDTIQCAYIHLVSREE
CEHAYPGQITQNMLCAGDEKYGK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.63

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

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

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 5653

Gene Symbol: KLK6

Gene Alias: Bssp, Kik7, MGC9355, NEUROSIN, PRSS18, PRSS9, SP59, ZYME, hK6

Gene Summary: 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 Alzheimer's disease. Multiple alternatively spliced transcript variants that encode different isoforms have been identified for this gene. [provided by RefSeq]

References:

1. Kallikrein-related peptidase 6 in Alzheimer's disease and vascular dementia. Ashby EL, Kehoe PG, Love S. Brain Res. 2010 Sep 13. [Epub ahead of print]