

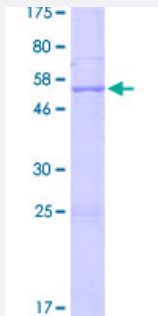
Full-Length

KLK15 (Human) Recombinant Protein (P02)

Catalog # H00055554-P02

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human KLK15 full-length ORF (AAH69480.1, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MWLLLTLSFLLASTAQDGDKLLEGDECAPHSQPWQVALYERGRFNCGASLISPHWVLSAAHCQ
SRFMRVRLGEHNLKRKGPEQLRTTSRVIPHPRYEARSHRNDIMLLRLVQPARLNPQVRPAVLPT
RCPHPGEACVVSGWGLVSHNEPGTAGSPRSQVSLPDTLHCANISISDTSCDKSYPGRLTNTMVC
AGAEGRGAESCEGDSGGPLVCGGILQGIVSWGDVPCDNTTKPGVYTKVCHYLEWIRETMKRN

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

54.4

Interspecies Antigen Sequence

Mouse (77); Rat (78)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

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.

Note

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

Applications

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

Gene Info — KLK15

Entrez GeneID [55554](#)

GeneBank Accession# [BC069480.1](#)

Protein Accession# [AAH69480.1](#)

Gene Name KLK15

Gene Alias ACO, HSRNASPH

Gene Description kallikrein-related peptidase 15

Omim ID [610601](#)

Gene Ontology [Hyperlink](#)

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. In prostate cancer, this gene has increased expression, which indicates its possible use as a diagnostic or prognostic marker for prostate cancer. The gene contains multiple polyadenylation sites and alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations ACO protease|kallikrein 15|kallikrein-like serine protease|prostinogen

Disease

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Neoplasm Recurrence](#)
- [Prostatic Neoplasms](#)