

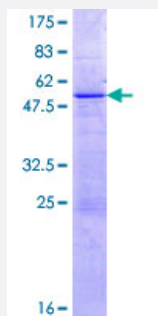
Full-Length

KLK11 (Human) Recombinant Protein (P01)

Catalog # H00011012-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KLK11 full-length ORF (NP_006844.1, 1 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MRILQLILLALATGLVGGETRIKGFECKPHSQPWQAALFEKTRLLCGATLIAPRWLLTAAHCLKPRYI VHLGQHNLQKEEGCEQTRTATESFPHPGFNNSLPNKDHRNDIMLVKMASPVSTITWAVRPLTLSSR CVTAGTSCGISGWGSTSSPQLRLPHTLRCANITIEHQKCENAYPGNITDTMVCASVQEGGKDSCQ GDSSGGLVCNQSLQGIISWGQDPCAITRKPGVYTKVCKYVDWIQETMKNN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	53.9
Interspecies Antigen Sequence	Mouse (81); Rat (82)
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 — KLK11

Entrez GeneID [11012](#)

GeneBank Accession# [NM_006853.2](#)

Protein Accession# [NP_006844.1](#)

Gene Name KLK11

Gene Alias MGC33060, PRSS20, TLSP

Gene Description kallikrein-related peptidase 11

Omim ID [604434](#)

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. Alternate splicing of this gene results in two transcript variants encoding two different isoforms which are differentially expressed. [provided by RefSeq]

Other Designations hippostasin|kallikrein 11|protease, serine, 20 trypsin-like|protease, serine, trypsin-like

Disease

- [Genetic Predisposition to Disease](#)

- [Prostatic Neoplasms](#)