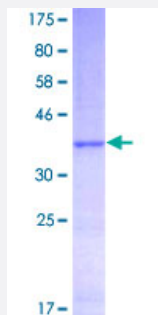


KLK10 (Human) Recombinant Protein (Q01)

Catalog # H00005655-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human KLK10 partial ORF (NP_002767, 167 a.a. - 276 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	DQCQVAGWGTTAARRVKYNKGLTCSSITLSPKECEVFYPGVVTNNMICAGLDRGQDPCQSDSG GPLVCDETLQGILSWGVPYPCGSAQHPAVYTQICKYMSWINKVIRSN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — KLK10

Entrez GeneID [5655](#)

GeneBank Accession# [NM_002776](#)

Protein Accession# [NP_002767](#)

Gene Name KLK10

Gene Alias NES1, PRSSL1

Gene Description kallikrein-related peptidase 10

Omim ID [602673](#)

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. Its encoded protein is secreted and may play a role in suppression of tumorigenesis in breast and prostate cancers. Alternate splicing of this gene results in multiple transcript variants encoding the same protein. [provided by RefSeq]

Other Designations breast normal epithelial cell associated serine protease|kallikrein 10|normal epithelial cell-specific 1|protease, serine-like, 1

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)

- [Cystadenocarcinoma](#)
- [Endometrial Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Testicular Neoplasms](#)