

## Kallikrein-12 (KLK12) Recombinant Protein | KLK12 recombinant protein

Recombinant Human Kallikrein-12 (KLK12)

CATALOG #  
AAA117023

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

Kallikrein-12 (KLK12); Recombinant Human Kallikrein-12 (KLK12); KLK12 recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                       |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                      |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                             |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                      |
| Sequence Positions      | 18-248aa; Full Length of Mature Protein                                                                                                                                                                                                                               |
| Sequence                | ATPKIFNGTE CGRNSQPWQV GLFEGTSLRC GGVLDHRWV LTAAHCSGSR YWVRLGEHSL SQLDWTEQIR<br>HSGFSVTHPG YLGASTSHEH DLRLRLRLP VRVTSSVQPL PLPNDCATAG TECHVSGWGI TNHPRNPFPD<br>LLQCLNLSIV SHATCHGVYP GRITSNMVCA GGVPGQDACQ GDSGGPLVCG GVLQGLVSWG SVGPCGQDGI<br>PGVYTYICKY VDWIRMIMRN N |
| Species                 | Human                                                                                                                                                                                                                                                                 |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                   |

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for KLK12 recombinant protein | 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 three transcript variants encoding different isoforms. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| NCBI GI #                        | <a href="#">9665236</a>                                                  |
| NCBI GeneID                      | <a href="#">43849</a>                                                    |
| NCBI Accession #                 | <a href="#">NP_062544.1</a>                                              |
| NCBI GenBank Nucleotide #        | <a href="#">NM_019598.2</a>                                              |
| UniProt Accession #              | <a href="#">Q9UKR0</a> ; <a href="#">Q9UKR1</a> ; <a href="#">Q9UKR2</a> |
| Molecular Weight                 | 11,984 Da                                                                |
| NCBI Official Full Name          | kallikrein-12 isoform 1                                                  |
| NCBI Official Synonym Full Names | kallikrein related peptidase 12                                          |
| NCBI Official Symbol             | KLK12                                                                    |
| NCBI Official Synonym Symbols    | KLKL5; KLK-L5                                                            |
| NCBI Protein Information         | kallikrein-12                                                            |

|                            |               |
|----------------------------|---------------|
| UniProt Protein Name       | Kallikrein-12 |
| UniProt Gene Name          | KLK12         |
| UniProt Synonym Gene Names | KLKL5; KLK-L5 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/klk12-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117023>