

# Recombinant Human KLK2 cell lysate

**Cat. No.** KLK2-947HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                     |
| <b>Size</b>           | 100 ul                                                                                                    |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Applications</b>   | Western Blot;                                                                                             |

## GENE INFORMATION

|                        |                                                                                                                                                                                                     |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | KLK2 kallikrein-related peptidase 2 [ Homo sapiens ]                                                                                                                                                |
| <b>Official Symbol</b> | KLK2                                                                                                                                                                                                |
| <b>Synonyms</b>        | KLK2; kallikrein-related peptidase 2; kallikrein 2, prostatic; kallikrein-2; tissue kallikrein-2; glandular kallikrein 2; glandular kallikrein-1; hK2; hGK-1; KLK2A2; FLJ17010; FLJ17011; MGC12201; |
| <b>Gene ID</b>         | 3817                                                                                                                                                                                                |
| <b>mRNA Refseq</b>     | NM_001002231                                                                                                                                                                                        |
| <b>Protein Refseq</b>  | NP_001002231                                                                                                                                                                                        |

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| <b>MIM</b>                 | 147960                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>          | P20151                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Chromosome Location</b> | 19q13.33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Pathway</b>             | Activation of Matrix Metalloproteinases, organism-specific biosystem; Coregulation of Androgen receptor activity, organism-specific biosystem; Degradation of the extracellular matrix, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, organism-specific biosystem; Endocrine and other factor-regulated calcium reabsorption, conserved biosystem; Extracellular matrix organization, organism-specific biosystem; Regulation of Androgen receptor activity, organism-specific biosystem; |
| <b>Function</b>            | peptidase activity; serine-type endopeptidase activity;                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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