

## Recombinant Mouse Klk9 protein, His-tagged

**Cat. No.** Klk9-464M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse Klk9 (Q32M27) aa. (His39~Asn260) fused with His tag was produced in HEK293F cells.                                                                      |
| <b>Species</b>          | Mouse                                                                                                                                                                     |
| <b>Source</b>           | HEK293                                                                                                                                                                    |
| <b>ProteinLength</b>    | His39~Asn260                                                                                                                                                              |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                       |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 26.4kDa; Accurate Molecular Mass: 32kDa as determined by SDS-PAGE reducing conditions.                                                          |
| <b>Endotoxin</b>        | <1.0EU per 1ug (determined by the LAL method)                                                                                                                             |
| <b>Purity</b>           | > 95%                                                                                                                                                                     |
| <b>Characteristic</b>   | Isoelectric point is 6.8.                                                                                                                                                 |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling                                                                               |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, |

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

|                       |                                                                                                            |
|-----------------------|------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months. |
| <b>Concentration</b>  | 200ug/mL                                                                                                   |
| <b>Storage buffer</b> | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5% Trehalose and Proclin300.                   |
| <b>Reconstitution</b> | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.<br>Do not vortex        |

## GENE INFORMATION

|                        |                                                                                                                      |
|------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Klk9 kallikrein related-peptidase 9 [ Mus musculus (house mouse) ]                                                   |
| <b>Official Symbol</b> | Klk9                                                                                                                 |
| <b>Synonyms</b>        | Klk9; kallikrein related-peptidase 9; AI324041; 1200016C12Rik; kallikrein-9; kallikrein 9; kallikrein-like protein 3 |
| <b>Gene ID</b>         | 101533                                                                                                               |
| <b>mRNA Refseq</b>     | NM_028660.3                                                                                                          |
| <b>Protein Refseq</b>  | NP_082936.2                                                                                                          |
| <b>UniProt ID</b>      | Q32M27                                                                                                               |

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