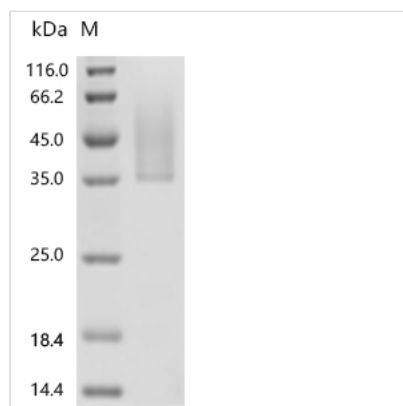




# Recombinant Rat Tonin (Klk2)

|                          |                                                                                                                                                                                                                                                              |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-YP012453RA                                                                                                                                                                                                                                               |
| <b>Abbreviation</b>      | Recombinant Rat Klk2 protein                                                                                                                                                                                                                                 |
| <b>Uniprot No.</b>       | P00759                                                                                                                                                                                                                                                       |
| <b>Form</b>              | Liquid or Lyophilized powder                                                                                                                                                                                                                                 |
| <b>Storage Buffer</b>    | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.264.                         |
| <b>Immunogen Species</b> | Rattus norvegicus (Rat)                                                                                                                                                                                                                                      |
| <b>Purity</b>            | ≥ 95% as determined by SDS-PAGE.                                                                                                                                                                                                                             |
| <b>Sequence</b>          | IVGGYKCEKNSQPWQVAVINEYLCGGVLIDPSWVITAAHCYSNNYQVLLGRNN<br>LFKDEPFAQRRLVRQSFRRHPDYIPLIVTNDTEQPVHDHSNDLMLLHLSEPADIT<br>GGVKVIDLPTKEPKVGSTCLASGWGSTNPSEMVVSHDLQCVNIHLLSNEKCIE<br>TYKDNVTDVMLCAGEMEGGKDTCAGDSGGPLICDGVLQGITSGGATPCAKPK<br>TPAIYAKLIKFTSWIKKVMKENP |
| <b>Research Area</b>     | Cancer                                                                                                                                                                                                                                                       |
| <b>Source</b>            | Yeast                                                                                                                                                                                                                                                        |
| <b>Target Names</b>      | Klk2                                                                                                                                                                                                                                                         |
| <b>Expression Region</b> | 25-259aa                                                                                                                                                                                                                                                     |
| <b>Tag Info</b>          | C-terminal 6xHis-tagged                                                                                                                                                                                                                                      |
| <b>Mol. Weight</b>       | 26.9 kDa                                                                                                                                                                                                                                                     |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                |

## Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20?/-80?. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## **Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.

Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.