

## Active Recombinant Human KLK6 Protein, His-tagged

Cat. No. KLK6-1742H Lot. No. (See product label)

### SPECIFICATION

|                             |  |
|-----------------------------|--|
| <b>Product Overview</b>     | Recombinant human Kallikrein 6/Neurosin protein (Glu17-Lys244) with a C-terminal 10-His tag was expressed in mouse myeloma cell line.  |
| <b>Species</b>              | Human  |
| <b>Source</b>               | Mammalian Cells  |
| <b>ProteinLength</b>        | 17-244 a.a.  |
| <b>Predicted N Terminal</b> | Glu17  |
| <b>Bio-activity</b>         | Measured by its ability to cleave the fluorogenic peptide substrate Boc-QAR-AMC. The specific activity is >1300 pmol/min/g.  |
| <b>Molecular Mass</b>       | 26 kDa   |
| <b>Endotoxin</b>            | <1.0 EU per 1 µg of the protein by the LAL method.   |
| <b>Purity</b>               | >95%, by SDS-PAGE under reducing conditions and visualized by silver stain   |
| <b>Storage</b>              | Avoid repeated freeze-thaw cycles.<br>6 months from date of receipt, -20 to -70 centigrade as supplied.<br>3 months, -20 to -70 centigrade under sterile conditions after opening. |
| <b>Storage Buffer</b>       | Supplied as a 0.2 µm filtered solution in Sodium Citrate.  |

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## GENE INFORMATION

|                        |  |
|------------------------|--|
| <b>Gene Name</b>       | KLK6 kallikrein related peptidase 6 [ Homo sapiens (human) ]   |
| <b>Official Symbol</b> | KLK6   |
| <b>Synonyms</b>        | Bssp; EC 3.4.21; EC 3.4.21.-; hK6; kallikrein 6 (neurosin, zyme); Kallikrein 6; kallikrein-6; kallikrein-related peptidase 6; KLK6; Klk7; Neurosin; Protease M; protease, serine, 18; PRSS18; PRSS9; PRSS9MGC9355; Serine protease 18; Serine protease 9; SP59; Zyme |
| <b>Gene ID</b>         | 5653   |
| <b>mRNA Refseq</b>     | NM_002774  |
| <b>Protein Refseq</b>  | NP_002765  |
| <b>MIM</b>             | 602652   |
| <b>UniProt ID</b>      | Q92876   |

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