

## Recombinant Rat A1i3, His-tagged

**Cat. No.** A1i3-3312R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Alpha-1-inhibitor 3 (A1i3), partial                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1477                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.                                                                                                                                                                              |
| <b>Purity</b>           | >90%                                                                                                                                                                                                                                                                                                          |
| <b>Notes</b>            | Small volumes of A1i3 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container's cap. Certain products may require to ship with dry ice. |
| <b>Storage</b>          | Store at -20 degree C. For extended storage, store at -20 or -80 degree C.                                                                                                                                                                                                                                    |
| <b>Storage Buffer</b>   | PBS pH 7.4, 50% glycerol                                                                                                                                                                                                                                                                                      |
| <b>Warning</b>          | This product is for research use only. Not for use in diagnostic or therapeutic procedures.                                                                                                                                                                                                                   |

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## GENE INFORMATION

|                     |                                                     |
|---------------------|-----------------------------------------------------|
| Gene Name           | A1i3 alpha-1-inhibitor III [ Rattus norvegicus ]    |
| Official Symbol     | A1i3                                                |
| Synonyms            | alpha-1-inhibitor 3; alpha-1-inhibitor 3 variant II |
| Gene ID             | 297568                                              |
| mRNA Refseq         | NM_001037975                                        |
| Protein Refseq      | NP_001033064                                        |
| Chromosome Location | 4q42                                                |
| Function            | endopeptidase inhibitor activity                    |

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