

## Recombinant Rat Areg, His-tagged

**Cat. No.** Areg-3433R    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Amphiregulin (Areg)                                                                                                                                                                                                                                                                                           |
| <b>Species</b>          | Rat                                                                                                                                                                                                                                                                                                           |
| <b>Source</b>           | E.Coli/Yeast                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 243                                                                                                                                                                                                                                                                                                           |
| <b>Description</b>      | may act as a growth factor during central nervous system development .                                                                                                                                                                                                                                        |
| <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 Areg 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                                                                                                                                                                                                                               |

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procedures.

## GENE INFORMATION

|                        |                                                                                                                                                        |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | <a href="#">Areg amphiregulin [ Rattus norvegicus ]</a>                                                                                                |
| <b>Official Symbol</b> | Areg                                                                                                                                                   |
| <b>Synonyms</b>        | AREG; amphiregulin; AR; SDGF; schwannoma-derived growth factor;                                                                                        |
| <b>Gene ID</b>         | <a href="#">29183</a>                                                                                                                                  |
| <b>mRNA Refseq</b>     | <a href="#">NM_017123</a>                                                                                                                              |
| <b>Protein Refseq</b>  | <a href="#">NP_058819</a>                                                                                                                              |
| <b>Pathway</b>         | ErbB signaling pathway, organism-specific biosystem; ErbB signaling pathway, organism-specific biosystem; ErbB signaling pathway, conserved biosystem; |
| <b>Function</b>        | cytokine activity; epidermal growth factor receptor binding; growth factor activity;                                                                   |

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